

**STATE OF MICHIGAN
DEPARTMENT OF MANAGEMENT AND BUDGET
OFFICE OF PURCHASING**

**SPECIFICATIONS FOR
PASSENGER CARS & TRUCKS
2002 MODEL YEAR**



**THESE SPECIFICATIONS WILL BE REFERRED TO IN STATE OF MICHIGAN
INVITATIONS TO BID DURING THE 2002 MODEL YEAR
PLEASE RETAIN FOR BIDDING PURPOSES**

**STATE OF MICHIGAN
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SPECIFICATIONS FOR
2002 PASSENGER CARS & TRUCKS

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All vehicles must be new and of the manufacturer's current models in production at the time of delivery. All standard or optional equipment to be included shall be as advertised by the manufacturer (OEM) and factory installed and shall not consist of substitute or after market equipment. Special Edition Pricing Packages which may limit available options are not acceptable. Optional equipment not available from the factory may be dealer installed.

<u>DESCRIPTION</u>	<u>MICH. SPEC. NO.</u>
<u>PASSENGER CARS</u>	
Officials, 4-Door Sedan, Auto. Trans.	3905-0001
Large-Size, 4-Door Sedan, Auto. Trans., F.W.D.	3905-0003
Mid-Size, 4-Door Sedan, Auto. Trans., F.W.D.	3905-0004
Large, 4-Door Sedan, Auto. Trans.	3905-0005

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DESCRIPTION

MICH. SPEC. NO.

STATION WAGONS

6-Passenger, V-6, Auto. Trans., F.W.D.	3905-0017
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TRUCKS, LIGHT DUTY

Pick-Up, 7 Ft. Box, 6 cylinder, Payload - 1,000 lbs., min.	3958-0020
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Pick-Up, 6 Ft. Box, Extended Cab, Payload - 1,300 lbs., min.	3958-0023
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Pick-Up, 6 Ft. Box, Payload - 1,600 lbs., min., QUICK SPEC.	3958-0025
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Pick-Up, 8 Ft. Box, Payload - 1,600 lbs., min.	3958-0026
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Pick-Up, 8 Ft. Box, Extended Cab, Payload - 1,400 lbs., min	3958-0027
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Pick-Up, 6 Ft. Box, Extended Cab, Payload – 3,500 lbs., min	3958-0028
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Pick-Up, 8 Ft. Box, Payload - 2,200 lbs., min.	3958-0029
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Pick-Up, 8 Ft. Box, Extended Cab, Payload - 3,000 lbs., min	3958-0030
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Pick-Up, 6 Ft. Box, Extended Cab, Payload - 3,000 lbs., min	3958-0031
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Panel Van, Payload - 1,700 lbs., min.	3958-0032
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Utility Vehicle, 4 Door, 6 Passenger	3958-0034
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Sport Van, 5 Passenger, Payload - 1,600 lbs., min.	3905-0035
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Utility Vehicle, Large, 6-Passenger, Payload - 1,100 lbs., min.	3905-0036
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Sport-Van, 12-Passenger, Payload - 2,850 lbs., min.	3905-0037
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Sport-Van, 5-Passenger, Payload - 2,850 lbs., min.	3905-0038
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Panel Van, Payload - 3,100 lbs., min.	3958-0039
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Van, 15-Passenger, Payload - 3,400 lbs., min.	3905-0040
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Van, Passenger, Compact, Rear Wheel Drive	3905-0041
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Van, Passenger, Compact, Front Wheel Drive	3905-0042
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DESCRIPTION

MICH. SPEC. NO.

TRUCKS, LIGHT DUTY

Van, Cargo, Compact, Rear Wheel Drive	3958-0043
Van, Cargo, Compact, Front Wheel Drive	3958-0044
Pick-Up, 6 Ft. Box, Crew Cab, 4 Dr.	3958-0045
Van, Passenger, Compact, Extended, Front Wheel Drive	3905-0046
Pick-Up, 8 Ft. Box, Payload - 4,900 lbs., min.	3958-0048
Pick-Up, 8 Ft. Box, Crew Cab, 4 Dr.	3958-0049
Pick-Up, 8 Ft. Box, Extended Cab, 4 Dr.	3958-0050
Utility Vehicle, Large, 6-Passenger, Payload - 3,000 lbs., min.	3905-0056
Cab and Chassis, approx. 135" W.B., G.V.W.R. 10,000 lbs.	3958-0072
Cab and Chassis, 135" W.B., G.V.W.R. 12,500 lbs., Diesel	3958-0073
Dump Body and Hoist, 2 cu. yd.	3958-0074
Stake Body, 9 Ft.	3958-0075
Stake Body and Hydraulic Hoist, 9 Ft.	3958-0076
Cab and Chassis, approx. 159" W.B., G.V.W.R. 11,000 lbs.	3958-0077
Cab and Chassis, 159" W.B., G.V.W.R. 12,500 lbs., Diesel	3958-0078
Stake Body, 12 Ft.	3958-0079
Stake Body and Hydraulic Hoist, 12 Ft.	3958-0080

TRUCKS, LIGHT DUTY, 4X4

Utility Vehicle, 2 Door, G.V.W.R. 4,700 lbs., min.	3958-0082
Utility Vehicle, 4 Door, G.V.W.R. 4,850 lbs., min.	3958-0083

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MICH. SPEC. NO.

Pick-Up, 7 Ft. Box, Payload - 1,000 lbs., min.

3958-0084

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MICH. SPEC. NO.

TRUCKS, LIGHT DUTY, 4X4

Utility Vehicle, 4 Door, 6 Passenger	3958-0085
Pick-Up, 8 Ft. Box, Extended Cab, Payload - 1,300 lbs., min.	3958-0086
Pick-Up, 6 Ft. Box, Extended Cab, Payload - 1,300 lbs., min.	3958-0087
Pick-Up, 8 Ft. Box, Extended Cab, Payload - 2,500 lbs., min.	3958-0088
Pick-Up, 6 Ft. Box, Extended Cab, Payload - 2,500 lbs., min.	3958-0089
Pick-Up, 6 Ft. Box, Payload - 1,300 lbs., min.	3958-0090
Pick-Up, 8 Ft. Box, Payload - 1,300 lbs., min.	3958-0091
Pick-Up, 8 Ft. Box, Payload - 3,500 lbs., min.	3958-0092
Cab and Chassis, 10,000 Lb. G.V.W.R., Rear Duals	3958-0093
Utility Vehicle, Large, 6 Passenger, Payload - 1,500 lbs., min.	3905-0094
Utility Vehicle, Large, 6 Passenger, Payload - 2,900 lbs., min.	3905-0095

TRUCKS, MEDIUM DUTY, 4X4

Cab and Chassis, Body and Payload - approx. 13,000 lbs., min. 25,950 lbs. Min. G.V.W.R., Diesel engine	3958-0096
Cab and Chassis, Body and Payload - approx. 13,000 lbs., min. 24,000 lbs. Min. G.V.W.R., Gasoline engine	3958-0097
Cab and Chassis, 135" W.B., G.V.W.R. 12,500 lbs., Diesel	3958-0098
Cab and Chassis, 159" W.B., G.V.W.R. 12,500 lbs., Diesel	3958-0099

TRUCK AND VAN BODIES

Truck, Cut-Away, 8,900 lbs. G.V.W.R.	3958-0100
Truck, Cut-Away, 10,000 lbs. G.V.W.R.	3958-0101

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DESCRIPTION

MICH. SPEC. NO.

Van Body, Cut-Away Aluminum

3958-0102

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MICH. SPEC. NO.

TRUCK AND VAN BODIES

Van Body, Cut-Away, Fiberglass Reinforced Plastic (F.R.P.)	3958-0103
Truck, Cut-Away, 14,000 lbs. G.V.W.R	3958-0104

TRUCKS, MEDIUM AND HEAVY DUTY

Cab and Chassis, approx. 136" W.B., G.V.W.R 15,000 lbs.	3958-0110
Cab and Chassis, approx. 136" W.B., G.V.W.R 15,000 lbs., Diesel	3958-0111
Cab and Chassis, 136" W.B., G.V.W.R 15,000 lbs. (4 x 4)	3958-0112
Cab and Chassis, 136" W.B., G.V.W.R 15,000 lbs., Diesel, (4 x 4)	3958-0113
Cab and Chassis, approx. 160" W.B., G.V.W.R 15,000 lbs.	3958-0114
Cab and Chassis, approx. 160" W.B., G.V.W.R 15,000 lbs., Diesel	3958-0115
Cab and Chassis, 160" W.B., G.V.W.R 15,000 lbs. (4 x 4)	3958-0116
Cab and Chassis, 160" W.B., G.V.W.R 15,000 lbs., Diesel, (4 x 4)	3958-0117
Cab and Chassis, approx. 125" W.B., G.V.W.R 21,000 lbs.	3958-0130
Cab and Chassis, approx. 149" W.B., G.V.W.R 21,000 lbs.	3958-0134
Cab and Chassis, Diesel Engine, G.V.W.R 21,000 lbs.	3958-0136
Stake Body, 12 Ft.	3958-0137
Stake Body and Hydraulic Hoist, 12 Ft.	3958-0141
Cab and Chassis, approx. 224" W.B., Diesel Engine, G.V.W.R 32,000 lbs.	3958-0150
Roll-Back Ramp Body and Hoist, 20' - 6"	3958-0151
Cab and Chassis, Diesel Engine 210 HP, G.V.W.R 27,000 lbs.	3958-0157
Dump Body and Hydraulic Hoist, 5-6 Yd.	3958-0158

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MICH. SPEC. NO.

Cab and Chassis, Diesel Engine 210 HP, G.V.W.R 33,000 lbs.

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MICH. SPEC. NO.

TRUCKS, MEDIUM AND HEAVY DUTY

Cab and Chassis, Diesel Engine 170 HP, G.V.W.R 31,000 lbs.	3958-0160
Stake Body, 14 Ft.	3958-0161
Cab and Chassis, Diesel Engine 210 HP, G.V.W.R 27,000 lbs.	3958-0164
Van Body, 20 Ft., Aluminum	3958-0165
Van Body, 20 Ft., Fiberglass Reinforced Plastic, F.R.P.	3958-0167
Cab and Chassis, Diesel Engine, G.V.W.R 37,000 lbs.	3958-0170
Dump Body and Hydraulic Hoist, 6.5 cu. yd.	3958-0171
Cab and Chassis, Diesel Engine, G.V.W.R 64,000 lbs.	3958-0172
Cab and Chassis, Diesel Engine, G.V.W.R 64,000 lbs., Air Ride	3958-0172a
Cab and Chassis, approx. 170" W.B., Tandem Axle, Diesel Engine, G.V.W.R 52,000 lbs.	3958-0173
Dump Body and Hydraulic Hoist, 10-12 cu. yd.	3958-0174
Cab and Chassis, approx. 227" W.B., Tandem Axle, Diesel Engine, G.V.W.R 52,000 lbs.	3958-0175

TRACTORS

50,000 lbs. G.C.W.R., Diesel Engine	3958-0177
70,000 lbs. G.C.W.R., Diesel Engine	3958-0178

VAN BODIES

Van, Aluminum (Length as specified)	3958-0210
Van, Fiberglass Reinforced Plastic F.R.P. (Length as Specified)	3958-0212
Trailer, Tandem Axle, 40' ft.	3958-0214

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MICH. SPEC. NO.

TAIL GATES

Hydraulic Power Tail Gate, 2,000 lbs. Capacity, 15,000 G.V.W.R., Conventional Type	3958-0215
Hydraulic Power Tail Gate, 3,000 lbs. Capacity, 20,000 G.V.W.R., Conventional Type	3958-0216
Hydraulic Power Tail Gate, 4,000 lbs. Capacity, 20,000 G.V.W.R., Conventional Type	3958-0217
Hydraulic Power Tail Gate, Stow Away Type, Various Capacities, 15,000 G.V.W.R.	3958-0218
Hydraulic Tailgate, approx. 1,000 Lb. Capacity, (Step Van, Parcel Vans or Pick-Ups), 10,000 G.V.W.R. or less	3958-0219
Hydraulic Tailgate, approx. 1,500 Lb. Capacity, (10,000 G.V.W.R. and smaller, stake body) Fold-Up Type Or Tuck-Away Type	3958-0220
Hydraulic Tailgate, Rail Type	3958-0221

BED LINERS and PICK-UP TRUCK CAPS

Bed Liner and Tailgate Protector for Pick-up Trucks	3958-0222
Cap, Utility Shop, Pick-up Truck	3958-0224

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ALTERNATE FUEL VEHICLES

Large-Size, 4-Door Sedan, Auto. Trans., F.W.D.	3905-0003A
Mid-Size, 4-Door Sedan, Auto. Trans., F.W.D.	3905-0004A
Large, 4-Door Sedan, Auto. Trans.	3905-0005A
Pick-Up, 8 Ft. Box, Payload - 1,600 lbs., min.	3958-0026A
Pick-Up, 8 Ft. Box, Payload - 2,200 lbs., min.	3958-0029A
Pick-Up, 8 Ft. Box, Extended Cab	3958-0030A
Van, 15-Passenger, Payload – 2,812 lbs., min.	3905-0040A
Van, Passenger, Compact, Front Wheel Drive	3905-0042A
Van, Passenger, Compact, Extended Body, Front Wheel Drive	3905-0046A
Pick-Up, 8 Ft. Box, Payload - 4,000 lbs., min.	3958-0048A

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PASSENGER CAR EQUIPMENT

The items listed below are to be supplied on all cars, even though they may be optional with the manufacturer. They have, therefore, not been included in the individual specifications but are to be furnished on all vehicles:

Air Bag, Dual
Air Conditioning.
Anti-freeze protection-to -30°F.
Battery-Maximum CCA available.
Brakes-Anti Locking System (ABS)
Color-Manufacturers Standard Color to be selected.
Defroster-Electric, rear window.
Floor mats-Mfg. Std. , front and rear, color coordinated.
Glass-Tinted, all around.
Keys-(2) sets with code numbers; shall be with vehicle at time of delivery.
Lights, Daytime Running (If available from manufacturer as standard equipment)
Mirror-Right-hand, outside (factory installed).
Moldings-Body side; if not independently available, but available only as a portion of a package, they may be dealer installed using "original equipment" as available from the manufacturer.
Pre-delivery inspection and servicing.
Radio-AM/FM mfg. standard, factory installed.
Rear Axle Ratio for maximum mileage in highway driving.
Speed Control, factory installed
Steering-Power.
Tires, Radial, Manufacturers Standard
Upholstery, Seats - Cloth or Cloth and Vinyl.
Wipers, Windshield - dual, intermittent, electric with automatic type washers.

**ALL VEHICLES MUST BE EQUIPPED IN COMPLIANCE WITH ALL APPLICABLE
FEDERAL MOTOR VEHICLE SAFETY STANDARDS AND REGULATIONS.**

Note: No dealer advertising decals are to be on vehicle.

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TRUCK EQUIPMENT

The items listed below are to be supplied on all trucks, even though they may be optional with the manufacturer. They have, therefore, not been included in the individual specifications but are to be furnished on all vehicles:

Air Conditioning - all trucks up to and including 15,000 G.V.W.R.

Anti-freeze protection, to -30°F.

Arm Rest-Driver's side.

Cigarette lighter and ash receiver. (Except bus cowl and chassis).

Color-Manufacturers Standard to be selected.

Coolant System-Maximum Size Available, including the Heaviest Duty Radiator

Dome Light.

Electric wiring-All wiring passing through holes in metal or non-metal wearing surfaces, which could cause wear of the insulation, shall be adequately protected by rubber or plastic grommets, and/or non-metallic conduit. Ends of all wires shall be adequately anchored to prevent loosening.

Frame length-on all body installations without hoists the cab to end of frame length shall be the same length as the body being mounted, plus the length of any setback.

Fuel Tanks, Diesel, with sending unit and magnetic drain plug, on all trucks over 21,000 G.V.W.R., painted Black and labeled "Diesel Fuel Only".

Hourmeter, mounted in dash or under hood. To operate only when engine is running.

Hub caps on all pickups and vans up to and including 10,000 G.V.W.R. If not available from dealer cap nuts shall be furnished.

Keys-(2) sets with code numbers; shall be with vehicle at time of delivery.

Mirrors-All trucks are to be equipped with R.H. and L.H. outside rear-view mirrors to comply with Michigan laws; all trucks up to and including 15,000 G.V.W.R. shall be equipped with inside rear-view mirror. In all cases, outside R.H. & L.H. rear view mirrors shall provide full vision past all body installations. Mirrors shall be of stainless steel or high impact plastic construction unless denoted otherwise in individual truck specifications. All West Coast Type

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or Below Eye Level Camper Style Mirrors shall have stainless steel or high impact plastic heads, brackets, and hardware.

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TRUCK EQUIPMENT (Continued)

Mud flaps, Anti-Sail Type, when required, are to be plain, rubber 1/4" thick, without advertising on either side.

Painting-preclean and metal prep, any bare metal surfaces prior to applying a compatible red oxide or zinc chromate primer. When painting over a manufacturer's standard paint, metal prepping and primer may be omitted, provided an acceptable bond can be achieved.

Equipment mounting- when mounting equipment on truck cab and chassis, all holes shall be drilled or punched. There shall be no flame cutting or welding on the frame side rails.

Paint codes-factory paint codes shall be furnished with all vehicles; for all after market painting both the brand and paint code shall be furnished.

Pre-delivery inspection and servicing.

Radio - AM/FM Manufacturers Standard, Factory Installed

Seat Belts with Shoulder Harness (3-Point Restraint System for Driver & Passenger)

Seats-Bench type unless otherwise specified.

Shock absorbers-(Heaviest Duty Available), front all trucks. Rear, up to and including 15,000 G.V.W.R.

Spare tire, or Rim, not to be furnished unless specified. If specified, tires to be of same mfg., tread design to be same as front tires.

Sun visors-dual.

Jack-Furnish on trucks up to and including 12,000 G.V.W.R.

Windshield wipers-dual, intermittent speed electric, with automatic type washers.

All items removed for installation of optional equipment shall be returned to the State of Michigan.

TO BE EQUIPPED IN COMPLIANCE WITH ALL APPLICABLE FEDERAL MOTOR VEHICLE SAFETY STANDARDS AND REGULATIONS. ALL VEHICLES MUST BE EQUIPPED TO COMPLY WITH ALL REQUIREMENTS OF THE MICHIGAN MOTOR VEHICLE CODE.

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PRE-DELIVERY SERVICE

The term "Pre-Delivery Service and Inspection" as used in State of Michigan Specifications includes the following:

1. General appearance of body both interior and exterior for completeness and quality of workmanship.
2. Lubrication and fluid levels and correcting any leaks:
 - a. Radiator
 - b. Windshield Washer
 - c. Battery
 - d. Power steering pump
 - e. Brake master cylinder
 - f. Engine oil
 - g. Transmission fluid level.
3. Mechanical operation of vehicle:
 - a. Steering gear and linkage
 - b. Suspension assembly, front and rear
 - c. Proper tire pressure to normal rated road requirements
 - d. Hood latch
 - e. Head lights, aim and adjust
 - f. Front wheel toe in and torque wheel nuts
 - g. Seat and shoulder belts operative
 - h. All locks and latches to be operative
 - i. Windshield wiper and washer to be operative
 - j. Proper adjustment to all drive belts
4. A check of all electrical operations to include: headlights, side marker lights, temperature, alternator, oil pressure lights, parking lights, stop and tail lights, directional signals, emergency flasher and parking brake lights.
5. **Miscellaneous items to be furnished:**
 - a. **Manufacturers Window Sticker shall not be removed from vehicle**
 - b. **Odometer Certification, and Vehicle Curb Weight at time of delivery**
 - c. **Manufacturers or Dealers Pre-Delivery Check Sheet**
 - d. **Vehicle shall have a Minimum of (4) Gallons of Fuel in tank when delivered**
 - e. **Warranty Plate and Operators Manual(s) shall be delivered with vehicle at no cost to the State of Michigan.**

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PRE-DELIVERY SERVICE (Continued)

6. Deliveries shall be between the hours of 8 AM and 3 PM. No Weekend or Holiday Deliveries will be accepted. Forty-eight (48) hour notice required prior to delivery.

It is intended that vehicles delivered in accordance with the Michigan specifications will be complete, including mechanical details, general workmanship and appearance, and shall be delivered complete with all warranty service books and identification plate.

Failure to adhere to specifications may be reason to delay payment.

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RECEIVING PROCEDURE

It is important that all State agencies and departments carefully inspect all vehicles prior to signing the Freight Bill. If any vehicle is received in a damaged condition of component parts or accessories are missing, a notation of the discrepancy(ies) is to be made on the Freight Bill and then be signed by the driver who delivered the vehicles. A Complaint to Vendor Form should be initiated and sent to the vendor at once noting discrepancies. Failure to note obvious deficiencies at time of delivery on the Freight Bill may place the burden of repair on the receiving agency.

It is recommended that the following items be checked prior to signing the Freight Bill:

1. Visually inspect exterior of vehicle for paint, body, tire, tail light, antenna, outside rear view mirror and molding damage.
2. Visually inspect under hood for the following items:
 - a. Air cleaner
 - b. Battery and caps
 - c. Radiator cap
 - d. Windshield washer container.
3. Check for cracked or broken windows.
4. Check trunk compartment for the following:
 - a. Spare tire and wheel
 - b. Jack
 - c. Wheel wrench
 - d. Four hub caps
 - e. Trunk mat.
5. Check interior of car for the following items:
 - a. Owner's manual and warranty material
 - b. Cigarette lighter
 - c. Two sets of keys
 - d. Make sure all seat belts are installed
 - e. Sun visors
 - f. Upholstery damage or excessive soil.

It is the responsibility of the agency to check for any other items that could possibly have been missing in accordance with the purchase order and the specification data.

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Specifications for

Mich. Spec. # 3905-0001
August, 2001

PASSENGER CARS: OFFICIALS
4-Door (Auto. Transmission)

MODEL-2002 CURRENT NEW

<u>MAKE</u>	<u>W.B.</u>	<u>ENGINE</u>	<u>CYL.</u>
Buick Park Avenue	113.8	3.8L	V-6
Chrysler Concorde	113.0	2.7L	V-6
Chrysler Concorde "Limited"	113.0	3.5L	V-6
Dodge Intrepid	113.0	2.7L	V-6
Ford Crown Vic	114.7	4.6L	V-8
Mercury Grand Marquis	114.7	4.6L	V-8
Pontiac Bonneville SE (X69)	112.2	3.8L	V-6

TO BE STANDARD FACTORY EQUIPPED INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:

- Arm Rest-Front and rear center.
- Clock-electric.
- Differential-Anti-slip (rear wheel drive vehicles).
- Hand brake warning light, buzzer, or automatic release.
- Light-Courtesy switches, all doors.
- Light-Glove compartment and trunk compartment.
- Locks-Power door.
- Mirrors-Rear view, left-hand, outside. Remote control.
- Radio-AM/FM, front and rear speakers, manufacturers std., factory installed.
- Seat-6-Way electric, split type, 45/55, 60/40 or 50/50, driver control.
- Wheel covers.
- Windows-Power.

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Specifications for

Mich. Spec. # 3905-0003
August, 2001

PASSENGER CARS: LARGE-SIZE (Frontwheel Drive)
4-Door Sedan -(Automatic Transmission)

MODEL-2002 CURRENT NEW

<u>MAKE</u>	<u>W.B.</u>	<u>ENGINE</u>	<u>CYL.</u>
Buick Regal Sedan	109.0	3.8L	6
Buick Century	109.0	3.1L	6
Chevrolet Impala	110.5	3.4L	6
Chevrolet Malibu	107.0	3.1L	6
Chrysler Sebring	108.0	2.7L	6
Chrysler Concorde	113.0	2.7L	6
Dodge Intrepid	113.0	2.7L	6
Dodge Stratus	108.0	2.7L	6
Ford Taurus	108.5	3.0L	6
Mercury Sable	108.5	3.0L	6
Oldsmobile Intrigue	109.0	3.5L	6
Pontiac Grand Prix Sedan	110.5	3.1L	6

TO BE STANDARD FACTORY EQUIPPED

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Specifications for

Mich. Spec. # 3905-0004
August, 2001

PASSENGER CARS: MID-SIZE (Frontwheel Drive)
4-Door Sedan -(Automatic Transmission)

MODEL-2002 CURRENT NEW

<u>MAKE</u>	<u>W.B.</u>	<u>ENGINE</u>	<u>CYL.</u>
Chevrolet Malibu	107.0	3.1L	6
Chevrolet Cavalier	104.1	2.2L	4
Dodge Neon	105.0	2.0L	4
Dodge Stratus	108.0	2.4L	4
Ford Focus	103.0	2.0L	4
Oldsmobile Alero	107.0	2.4L	4
Chrysler Sebring	108.0	2.4L	4
Pontiac Grand AM	107.0	2.4L	4
Pontiac Sunfire	104.1	2.2L	4

TO BE STANDARD FACTORY EQUIPPED.

ADD:

Seats-Bucket type, front

READ PAGE A.

**STATE OF MICHIGAN
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Specifications for

Mich. Spec. # 3905-0005
August, 2001

PASSENGER CARS: LARGE-DIRECTOR SERIES
4-Door Sedan - (Automatic Transmission)

MODEL-2002 CURRENT NEW

<u>MAKE</u>	<u>W.B.</u>	<u>ENGINE</u>	<u>CYL.</u>
Buick LeSabre	112.2	3.8L	V-6
Chrysler Concorde	113.0	3.2L	V-6
Chrysler Concorde "Limited"	113.0	3.5L	V-6
Dodge Intrepid ES	113.0	3.2L	V-6
Ford Crown Victoria	114.7	4.6L	V-8
Mercury Grand Marquis	114.7	4.6L	V-8
Olds Intrigue	109.0	3.5L	V-6
Pontiac Bonneville	112.2	3.8L	V-6

TO BE STANDARD FACTORY EQUIPPED.

READ PAGE A.

**STATE OF MICHIGAN
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Specifications for

Mich. Spec. # 3905-0017
August, 2001

STATION WAGON, Frontwheel Drive,
6 Passenger, 4 Door, Automatic Transmission

MODEL-2002 CURRENT NEW

<u>MAKE</u>	<u>W.B.</u>	<u>ENGINE</u>	<u>CYL.</u>
Ford Taurus	108.5	3.0L	V-6
Mercury Sable	108.5	3.0L	V-6

TO BE STANDARD FACTORY EQUIPPED.

READ PAGE A.

**STATE OF MICHIGAN
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Mich. Spec. # 3958-0020
August, 2001

TRUCK: PICK-UP BODY, 6 CYLINDER ENGINE
(Approx. 7' Box) (Payload-1,000 lbs., min.)

MODEL-2002 CURRENT NEW

	<u>GMC Sonoma/ CHEV S-10</u>	<u>FORD RANGER</u>	<u>DODGE DAKOTA (AN1E61)</u>
G.V.W.R. (lbs.)	4,600	4,360	5,000
Wheelbase (inches)	117.9	117.5	112.0
Engine: Gasoline	Vortec 4300	3.0L	3.9L
Type & No. of Cylinders	6	6	6
Net H.P.-S.A.E.	180	145	175
Transmission: Automatic			
Axle, Min. Cap., Rear-lbs.	2,700	2,750	3,166
Springs, Cap. at Ground			
Front-lbs. each	1,250	955	1,500
Rear-lbs. each	1,350	1,192	1,625

Cab-Full width rear window.

Tires, Mfg. Standard, radial, tubeless, All Season.

TO BE STANDARD FACTORY EQUIPPED INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:

Alternator-60 amp. min.

Axle, rear-limited slip

Battery-12, Volt, 475 CCA, minimum.

Brakes-Power.

Bumper-Rear, step down type, Heaviest Avail. Towing Capacity, Mfg. Std.

Fuel capacity-largest available from mfg.

Spare tire and wheel. Full size. Mfg. Std. mounting.

Steering-Power.

Wrench-wheel.

READ PAGES B-B1.

**STATE OF MICHIGAN
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Mich. Spec. # 3958-0023
August, 2001

TRUCK: PICK-UP BODY, 6 CYLINDER ENGINE, EXTENDED CAB
(Approx. 6' Box) (Payload-1,300 lbs., min.)

MODEL-2002 CURRENT NEW

	<u>DODGE</u> <u>AN1E31</u>	<u>GMC SONOMA</u> <u>CHEV. S-10</u>	<u>FORD</u> <u>RANGER</u>
G.V.W.R. (lbs.)	5,350	4,600	4,540
Wheelbase (inches)	130.9	122.9	125.9
Engine: Gasoline	3.9L	Vortec 4300	3.0L
Type & No. of Cylinders	V-6	V-6	V-6
Net H.P.-S.A.E.	175	180	145
Transmission: Automatic			
Axle, Min. Cap. Rear-lbs.	3,166	2,700	2,750
Springs, Cap. at Ground			
Front-lbs. each	1,500	1,250	1,075
Rear-lbs. each	1,625	1,350	1,275

Cab-Full width rear window.

Tires, Tubeless, Radial, to meet G.V.W.R. All Season.

TO BE STANDARD FACTORY EQUIPPED INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:

Alternator-80 amp. min.

Axle, rear-limited slip

Battery-12, Volt, 475 CCA, minimum.

Brakes-Power.

Bumper-Rear, step down type, Heaviest Avail. Towing Capacity, Mfg. Std.

Fuel capacity-largest available from mfg.

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Mirrors-rear-View inside. Outside R.H. and L. H. below eye level, 34 sq.
in. minimum, swing away type. Installed.

Seats-Rear

Spare tire and wheel. Full size. Mfg. Std. mounting.

Steering-Power.

Wrench-wheel.

READ PAGES B-B1.

**STATE OF MICHIGAN
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Mich. Spec. # 3958-0025
August, 2001

TRUCK: PICK-UP BODY
(6' Box) (Payload-1,600 lbs., min.)

(This vehicle may be considered to be a Manufacturers "WORK TRUCK" specification, which may not allow for addition or deletion of factor optional equipment, and paint colors may be limited.)

MODEL-2002 CURRENT NEW

	CHEV/GMC <u>C15703</u>	DODGE <u>DR1L61</u>	FORD <u>F150</u>
G.V.W.R. (lbs.)	6,100	6,350	6,050
Wheelbase (inches)	119.0	120.5	119.9
Type & Size of Body	Fleetside/ Wideside	Sweptline	Styleside
Engine: Gasoline	4.3L	3.7L	4.2L
Type & No. of Cylinders	V-6	V-6	V-6
Net H.P.-S.A.E.	200	210	205
Transmission: Automatic			
Axle, Min. Cap. Rear-lbs.	3,750	3,900	3,800
Springs, Min. Cap. at Ground			
Front-lbs. each	1,475	1,825	1,360
Rear-lbs. each	1,875	1,950	1,600

Cab-Full width rear window.

Tires, Truck, Tubeless, Radial, to meet G.V.W.R. All Season.

TO BE STANDARD FACTORY EQUIPPED INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:

Alternator-80 amp. min.

Axle, rear-limited slip.

Battery-12 Volt, 540 CCA, minimum.

**STATE OF MICHIGAN
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Brakes-Power.

Bumper-Rear, step down type, Heaviest Avail. Towing Capacity, Mfg. Std.

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Mich. Spec. # 3958-0025
August, 2001
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Fuel capacity-largest available from mfg.
Hood latch interior operated, factory installed.
Mirrors-Rear View, Inside. Outside R.H. and L.H. below eye level,
40 sq. in. minimum, swing away type. Installed.
Spare tire and wheel. Full size. Mfg. Std. mounting.
Steering-Power.
Wrench-wheel.

READ PAGES B-B1.

**STATE OF MICHIGAN
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Mich. Spec. # 3958-0026
August, 2001

TRUCK: PICK-UP BODY
(8 Foot Box) (Payload-1,600 lbs., min.)

MODEL-2002 CURRENT NEW

	<u>CHEV/GMC</u> <u>C15903</u>	<u>DODGE</u> <u>DR1L62</u>	<u>FORD</u> <u>F150</u>
G.V.W.R. (lbs.)	6,400	6,550	6,050
Wheelbase (inches)	133.0	140.5	138.5
Type & Size of Body	Fleetside/ Wideside	Sweptline	Styleside
Engine: Gasoline	4.8L	4.7L	4.6L
Type & No. of Cylinders	V-8	V-8	V-8
Net H.P.-S.A.E.	270	235	220
Transmission: Automatic			
Axle, Min. Cap. Rear-lbs.	3,750	3,900	3,800
Springs, Min. Cap. at Ground			
Front-lbs. each	1,475	1,825	1,325
Rear-lbs. each	1,875	1,950	1,595

Cab-Full width rear window.

Tires, Tubeless, Radial, to meet G.V.W.R.. All Season.

TO BE STANDARD FACTORY EQUIPPED INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:

Alternator-75 amp. min.

Axle, rear-limited slip

Battery-12 Volt, 540 CCA, minimum.

Brakes-Power

Bumper-Rear, step down type, Heaviest Avail. Towing Capacity, Mfg. Std.

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Mich. Spec. # 3958-0026
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Fuel capacity-largest available from mfg.
Mirrors-Rear View, Inside. Outside R.H. and L.H. below eye level,
40 sq. in. minimum, swing away type. Installed.
Spare tire and wheel. Full size. Mfg. Std. mounting.
Steering-Power
Wrench-wheel.

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**STATE OF MICHIGAN
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Mich. Spec. # 3958-0027
August, 2001

TRUCK: PICK-UP BODY, EXTENDED CAB
(8 Foot Box, Payload-1,400 lbs., min.)

MODEL-2002 CURRENT NEW

	<u>FORD</u> <u>F150</u>	<u>CHEV/GMC</u> <u>C15953</u>	<u>DODGE</u> <u>DR1L42</u>
G.V.W.R. (lbs.)	6,050	6,400	6,650
Wheelbase (inches)	157	157.5	160.5
Type & Size of Body	Styleside	Fleetside/ Wideside	Sweptline
Engine: Gasoline	4.6L	4.8L	4.7L
Type & No. of Cylinders	V-8	V-8	V-8
Net H.P.-S.A.E.	220	270	235
Transmission: Automatic			
Axle, Min. Cap.-lbs.			
Front	3,400	3,600	3,650
Rear	3,800	3,750	3,900
Springs, Min. Cap. at Ground			
Front-lbs. each	1,325	1,800	1,825
Rear-lbs. each	1,595	1,875	1,950

Tires, Tubeless, Radial, to meet G.V.W.R.. All season.

TO BE STANDARD FACTORY EQUIPPED INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:

Alternator-80 amp., min.

Axle, rear-limited slip.

Battery-12 Volt, 540 CCA, minimum.

Brakes-Power

Bumper-Rear, step down type, Heaviest Avail. Towing Capacity, Mfg. Std.

Doors-Rear, Passenger Side, minimum

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Fuel capacity - largest available from mfg.
Mirrors, Rear View, Inside. Outside, R.H. and L.H. below eye level,
40 sq. in. minimum, swing away type. Installed.
Rear Seat-front facing bench.
Spare tire and wheel. Full size. Mfg. Std. mounting.
Steering-Power
Wrench-wheel.

READ PAGES B-B1.

**STATE OF MICHIGAN
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Mich. Spec. # 3958-0028
August, 2001

TRUCK: PICK-UP BODY, EXTENDED CAB
(6 Foot Box, Payload-1,400 lbs., min.)

MODEL-2002 CURRENT NEW

	<u>FORD</u> <u>F150</u>	<u>CHEV/GMC</u> <u>C15753</u>	<u>DODGE</u> <u>DR1L41</u>
G.V.W.R. (lbs.)	6,050	6,200	6,650
Wheelbase (inches)	138.5	143.5	140.5
Type & Size of Body	Styleside	Fleetside/ Wideside	Sweptline
Engine: Gasoline	4.6L	4.8L	4.7L
Type & No. of Cylinders	V-8	V-8	V-8
Net H.P.-S.A.E.	220	270	235
Transmission: Automatic			
Axle, Min. Cap.-lbs.			
Front	3,400	3,500	3,650
Rear	3,800	3,750	3,900
Springs, Min. Cap. at Ground			
Front-lbs. each	1,325	1,750	1,850
Rear-lbs. each	1,595	1,875	1,950

Tires, Tubeless, Radial, to meet G.V.W.R.. All season.

TO BE STANDARD FACTORY EQUIPPED INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:

Alternator-80 amp., min.

Axle, rear-limited slip.

Battery-12 Volt, 540 CCA, minimum.

Brakes-Power

Bumper-Rear, step down type, Heaviest Avail. Towing Capacity, Mfg. Std.

Doors-Rear, Passenger Side, minimum

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Mich. Spec. # 3958-0028
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Fuel capacity - largest available from mfg.
Mirrors, Rear View, Inside. Outside, R.H. and L.H. below eye level,
40 sq. in. minimum, swing away type. Installed.
Rear Seat-front facing bench.
Spare tire and wheel. Full size. Mfg. Std. mounting.
Steering-Power
Wrench-wheel.

READ PAGES B-B1.

**STATE OF MICHIGAN
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Mich. Spec. # 3958-0029
August, 2001

TRUCK: PICK-UP BODY
(8' Box) (Payload-3,500 lbs., min.)

MODEL-2002 CURRENT NEW

	CHEV/GMC <u>C25903/E63</u>	DODGE BR2500 <u>BR2L62</u>	FORD <u>F250SD</u>
G.V.W.R. 8,600.(lbs.), minimum	8,600	8,800	8,800
Wheelbase (inches)	133	135	137
Type & Size of Body	Fleetside/ Wideside	Sweptline	Styleside
Engine: Gasoline	6.01L	5.9L	5.4L
Type & No. of Cylinders	V-8	V-8	V-8
Net H.P.-S.A.E.	300	245	235
Transmission: Automatic			
Axle, Min. Cap. Rear-lbs.	6,000	6,084	6,084
Springs, Min. Cap. at Ground			
Front-lbs. each	1,800	2,250	1,650
Rear-lbs. each	3,000	3,100	3,042

Cab-Full width rear window.

Tires, Truck, Tubeless, Radial, to meet G.V.W.R. All Season.

TO BE STANDARD FACTORY EQUIPPED INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:

Alternator-80 amp. min.

Axle, rear-limited slip.

Battery-12 Volt, 600 CCA, minimum.

Brakes-Power.

Bumper-Rear, step down type, Heaviest Avail. Towing Capacity, Mfg. Std.

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Mich. Spec. # 3958-0029
August, 2001
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Fuel capacity-largest available from mfg.
Hood latch interior operated, factory installed.
Mirrors-Rear View, Inside. Outside R.H. and L.H. below eye level,
40 sq. in. minimum, swing away type. Installed.
Spare tire and wheel. Full size. Mfg. Std. mounting.
Steering-Power.
Wrench-wheel.

READ PAGES B-B1.

**STATE OF MICHIGAN
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Mich. Spec. # 3958-0030
August, 2001

TRUCK: PICK-UP BODY, EXTENDED CAB
(8 Foot Box) (Payload-3,000 lbs., min.)

MODEL-2002 CURRENT NEW

	FORD F-250SD/F-20 <u>"XL"</u>	CHEV/GMC CC25953HD/E63	DODGE BE2500 <u>BE2L34</u>
G.V.W.R. 8,600 (lbs.), minimum	8,800	9,200	8,800
Wheelbase (inches)	158.0	157.5	155
Type & Size of Body	Styleside	Fleetside/ Wideside	Sweptline
Engine: Gasoline			
	5.4L	6.0L	5.9L
Type & No. of Cylinders	V-8	V-8	V-8
Net H.P.-S.A.E.	235	300	245
Transmission: Automatic			
Axle, Min. Cap.-lbs.			
Front	4,400	4,100	4,410
Rear	6,084	6,000	6,084
Springs, Min. Cap. at Ground			
Front-lbs. each	1,700	2,050	2,250
Rear-lbs. each	3,042	3,000	3,100

Tires, Truck, Tubeless, Radial, to meet G.V.W.R. All Season.

TO BE STANDARD FACTORY EQUIPPED INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:

Alternator-80 amp., min.

Axle, rear-limited slip.

Battery-12 Volt, 600 CCA, minimum.

Brakes-Power

Bumper-Rear, step down type, Heaviest Avail. Towing Capacity, Mfg. Std.

Doors-Rear, Dual

**STATE OF MICHIGAN
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Mich. Spec. # 3958-0030
August, 2001
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Fuel capacity-largest available from mfg.
Mirrors, Rear View, Inside. Outside, R.H. and L.H. below eye level,
40 sq. in. minimum, swing away type. Installed.
Rear Seat-front facing bench.
Spare tire and wheel. Full size. Mfg. Std. mounting.
Steering-Power
Wrench-wheel.

READ PAGES B-B1.

**STATE OF MICHIGAN
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Mich. Spec. # 3958-0031
August, 2001

TRUCK: PICK-UP BODY, EXTENDED CAB
(6 Foot Box) (Payload-3,000 lbs., min.)

MODEL-2002 CURRENT NEW

	FORD F-250SD <u>X20</u>	DODGE BE2500 <u>BE2L33</u>	CHEV/GMC <u>C25753HD</u>
G.V.W.R. 8,800 (lbs.), minimum	8,800	8,800	9,200
Wheelbase (inches)	141.8	139	143.5
Type & Size of Body	Styleside	Sweptline	Fleetside
Engine: Gasoline	5.4L	5.9L	6.1L
Type & No. of Cylinders	V-8	V-8	V-8
Net H.P.-S.A.E.	260	245	300
Transmission: Automatic			
Axle, Min. Cap.-lbs.			
Front	4,400	4,410	4,600
Rear	6,084	6,084	6,084
Springs, Min. Cap. at Ground			
Front-lbs. each	1,600	2,250	2,205
Rear-lbs. each	3,042	3,100	3,000

Tires, Truck, Tubeless, Radial, to meet G.V.W.R. All Season.

TO BE STANDARD FACTORY EQUIPPED INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:

Alternator-80 amp., min.

Axle, rear-limited slip.

Battery-12 Volt, 600 CCA, minimum.

Brakes-Power

Bumper-Rear, step down type, Heaviest Avail. Towing Capacity, Mfg. Std.

Doors-Rear, Dual

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August, 2001
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Fuel capacity-largest available from mfg.
Mirrors, Rear View, Inside. Outside, R.H. and L.H. below eye level,
40 sq. in. minimum, swing away type. Installed.
Rear Seat-front facing bench.
Spare tire and wheel. Full size. Mfg. Std. mounting.
Steering-Power
Wrench-wheel.

READ PAGES B-B1.

**STATE OF MICHIGAN
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Mich. Spec. # 3958-0032
August, 2001

TRUCK: PANEL-VAN BODY
(Payload-1,700 lbs., min.)

MODEL-2002 CURRENT NEW

	<u>CHEV./ GMC G11405</u>	<u>DODGE RAM VAN B1500 AB1L12</u>	<u>FORD ECONOLINE E150</u>
G.V.W.R. (lbs.)	6,100	6,600	6,700
Wheelbase (inches), 125 minimum	135	127.6	138
Engine: Gasoline	5.0L	5.2L	4.6L
Type & No. of Cylinders, 8 minimum	V-8	V-8	V-8
Net H.P.-S.A.E.	220	230	215
Transmission: Automatic			
Axle, Min. Cap. Rear-lbs.	3,167	3,850	3,800
Springs, Min. Cap. at Ground			
Front-lbs. each	1,584	2,375	1,480
Rear-lbs. each	1,538	1,980	1,475

Tires, Tubeless, Radial, to meet G.V.W.R. All Season.

TO BE STANDARD FACTORY EQUIPPED INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:

Alternator-80 amp. min.
Axle, rear-limited slip
Battery-12 Volt, 600 CCA minimum.
Brakes-Power.
Bumper-Rear, Mfg. Std.
Fuel capacity-largest available from mfg.
Glass-movable side door window(s), fixed or movable rear door windows.

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Mirrors-Rear View, Inside. Outside R.H. and L.H. below eye level,
40 sq. in. minimum, swing away type. Installed.

Panel doors, rear-Window in top of each door. Locks on all doors. Door right side, hinged.

Seats-high back, driver and passenger.

Spare tire and wheel. Full size. Mfg. Std. mounting.

Steering-Power.

Wrench-wheel.

READ PAGES B-B1.

**STATE OF MICHIGAN
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Mich. Spec. # 3905-0034
August, 2001

TRUCK: UTILITY, 4-DOOR, 6-PASSENGER, FULL SIZE
(Payload-1,500 lbs., min.)

MODEL-2002 CURRENT NEW

	<u>FORD EXPEDITION</u>	<u>DODGE DURANGO DN1M74</u>	<u>CHEV/GMC TAHOE/YUKON</u>
G.V.W.R. (lbs.)	7,000	6,050	6,800
Wheelbase (inches)	119	115.9	116
Engine: Gasoline	4.6L	4.7L	4.8L
Type & No. of Cylinders	V-8	V-8	V-8
Net H.P.-S.A.E.	240	235	275
Transmission: Automatic			
Axle, Min. Cap. Rear-lbs.	3,900	3,686	3,750
Springs, Cap. at Ground			
Front-lbs., ea.	1,500	1,500	1,575
Rear-lbs., ea.	1,950	1,925	2,000

Tires, Tubeless-P235/75R15 minimum. All Season.

TO BE STANDARD FACTORY EQUIPPED INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:

Alternator-80 amp., min.

Axle, rear-limited slip.

Battery-12 Volt, 600 CCA min.

Body-Finished interior (no exposed outside body sheet metal), full length headliner.

Brakes-Power.

Bumper-Rear, Mfg. Std.

Fuel capacity-largest available from mfg.

Mirrors-Rear View, Inside. Outside R.H. and L.H. below eye level, 54 sq. in. minimum, swing away type. Installed.

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Seats-Full bench front, & full width seat facing forward back of the front seat.

Spare tire and wheel. Full size. Mfg. Std. mounting.

Stabilizer bar-front.

Steering-Power.

Wrench-wheel.

READ PAGES B-B1.

**STATE OF MICHIGAN
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Mich. Spec. # 3905-0035
August, 2001

TRUCK: SPORT-VAN, 5 PASSENGER
(Payload-1,600 lbs., min.)

MODEL-2002 CURRENT NEW

	CHEV. EXPRESS GMC, SAVANA <u>G11406</u>	DODGE RAM WAGON AB1500 <u>AB1L51</u>	FORD ECONOLINE WAGON <u>E150</u>
G.V.W.R. (lbs.)	7,100	6,600	6,700
Wheelbase (inches)	135	109.0	138
Engine: Gasoline	5.0L	5.2L	4.6L
Type & No. of Cylinders, 8 minimum	V-8	V-8	V-8
Net H.P.-S.A.E.	220	230	215
Transmission: Automatic			
Axle, Min. Cap. Rear-lbs.	3,968	3,850	3,800
Springs, Min. Cap. at Ground			
Front-lbs. each	1,800	2,375	1,700
Rear-lbs. each	1,984	1,925	1,915

Tires, Tubeless, Radial, to meet G.V.W.R. All Season.

TO BE STANDARD FACTORY EQUIPPED INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:

Alternator-80 amp. min.
Axle, rear-limited slip.
Battery-12 Volts; 600 CCA minimum.
Body-Finished interior, (no exposed outside body sheet metal), full length Headliner.
Brakes-Power.
Bumper-Rear, Mfg. Std.
Door-Right Side, hinged.
Fuel capacity-largest available from mfg.
Glass-movable side door window(s), fixed or movable rear door windows.

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Mirrors-Rear View, Inside. Outside R.H. and L.H. below eye level,
40 sq. in. minimum, swing away type. Installed.

Seats- Front, Driver and passenger and rear 3 passenger seat. High back
driver and passenger.

Spare tire and wheel. Full size. Mfg. Std. mounting.

Steering-Power.

Wrench-wheel.

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Mich. Spec. # 3905-0036
August, 2001

TRUCK: UTILITY VEHICLE, LARGE-6-PASSENGER-WITH REAR PANEL DOORS
(Payload-1,100 lbs., min.)

MODEL-2002 CURRENT NEW

	<u>FORD</u> <u>EXCURSION</u>	CHEV/GMC SUBURBAN/YUKON XL <u>CZ5906</u>
G.V.W.R. (lbs.)	8,600	8,600
Wheelbase (inches)	137.1	130
Engine: Gasoline	5.4L	6.0L
Type & No. of Cylinders	V-8	V-8
Net H.P.-S.A.E.	255	315
Transmission: Automatic		
Axle, Min. Cap. Rear-lbs.	7,000	6,000
Springs, Cap. at Ground		
Front-lbs., ea.	1,900	1,900
Rear-lbs., ea.	2,620	3,000

Tires, Tubeless-P235/75R15 minimum. All Season.

TO BE STANDARD FACTORY EQUIPPED INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:

Alternator-80 amp., min.

Axle, rear-limited slip.

Battery-12 Volt, 600 CCA min.

Body-Finished interior (no exposed outside body sheet metal), full length headliner.

Brakes-Power.

Bumper-Rear, Mfg. Std.

Fuel capacity-largest available from mfg.

Mirrors-Rear View, Inside. Outside R.H. and L.H. below eye level, 54 sq. in. minimum, swing away type. Installed.

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Seats-Full bench front, & full width seat facing forward back of the front seat.

Spare tire and wheel. Full size. Mfg. Std. mounting.

Stabilizer bar-front.

Steering-Power.

Wrench-wheel.

READ PAGES B-B1.

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Mich. Spec. # 3905-0037
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TRUCK: SPORT-VAN-12-PASSENGER
(Payload-2,850 lbs., min.)

MODEL-2002 CURRENT NEW

	CHEV EXPRESS/ GMC SAVANA <u>G21406</u>	DODGE RAM WAGON B3500 <u>AB3L53</u>	FORD ECONOLINE WAGON <u>E350</u>
G.V.W.R. 8,600 (lbs.), minimum	8,600	8,700	8,700
Wheelbase (inches)	135	127.6	138
Engine: Gasoline	5.7L	5.9L	5.4L
Type & No. of Cylinders	V-8	V-8	V-8
Net H.P.-S.A.E.	255	245	235
Transmission: Automatic.			
Axle, Rear Min. Cap. Rear-lb.	5,360	5,740	6,340
Springs, Min. Cap. at Ground			
Front-lbs. each	1,900	2,876	1,775
Rear-lbs. each	2,680	2,870	2,772

Tires, Truck, Tubeless, Radial to meet G.V.W.R. All Season.

TO BE STANDARD FACTORY EQUIPPED INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:

Air Conditioning-Front and Rear
Alternator-80 amp. min.
Arm rest-Driver's side and 3 bench seats.
Axle, rear-limited slip.
Battery-12 Volts, 600 CCA min.
Body-Finished interior (No exposed outside body sheet metal), full length headliner.
Brakes-Power.
Bumper-Rear, Mfg. Std.
Door(s)-Right Side, hinged. Rear panel doors with glass.
Fuel capacity-largest available from mfg.

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Glass-Tinted, all around, movable side door window(s), fixed or movable rear door windows.

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Heater, auxiliary-Passenger compartment.

Locks – Power Doors.

Mirrors-Rear View, Inside. Outside R.H. and L.H. below eye level,
40 sq. in. minimum, swing away type. Installed.

Seats-Front, Driver and passenger and 3 bench seats. High back driver and passenger.

Spare tire and wheel. Full size. Mfg. Std. mounting.

Speed Control, Factory Installed.

Steering-Power.

Wrench-wheel.

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Mich. Spec. # 3905-0038
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TRUCK: SPORT-VAN-5-PASSENGER
(Payload-2,850 lbs., min.)

MODEL-2002 CURRENT NEW

	CHEV EXPRESS/ GMC SAVANA <u>G21406</u>	DODGE RAM WAGON B3500 <u>AB3L53</u>	FORD ECONOLINE WAGON <u>E350</u>
G.V.W.R. 8,600 (lbs.), minimum	8,600	8,700	8,700
Wheelbase (inches)	135	127.6	138
Engine: Gasoline	5.7L	5.9L	5.4L
Type & No. of Cylinders	V-8	V-8	V-8
Net H.P.-S.A.E.	255	245	235
Transmission: Automatic.			
Axle, Rear Min. Cap. Rear-lb.	5,360	5,740	6,340
Springs, Min. Cap. at Ground			
Front-lbs. each	1,900	2,876	1,775
Rear-lbs. each	2,680	2,870	2,772

Tires, Truck, Tubeless, Radial to meet G.V.W.R. All Season.

TO BE STANDARD FACTORY EQUIPPED INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:

Air Conditioning-Front and Rear
Alternator-80 amp. min.
Arm rest-Driver's side and 1 bench seat.
Axle, rear-limited slip.
Battery-12 Volts, 600 CCA min.
Body-Finished interior (No exposed outside body sheet metal), full length headliner.
Brakes-Power.
Bumper-Rear, Mfg. Std.
Door(s)-Right Side, hinged. Rear panel doors with glass.
Fuel capacity-largest available from mfg.

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Glass-Tinted, all around, movable side door window(s), fixed or movable rear door windows.

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Heater, auxiliary-Passenger compartment.

Locks – Power Doors.

Mirrors-Rear View, Inside. Outside R.H. and L.H. below eye level,
40 sq. in. minimum, swing away type. Installed.

Seats-Front, Driver and passenger and 1 bench seat. High back driver and passenger.

Spare tire and wheel. Full size. Mfg. Std. mounting.

Speed Control, Factory Installed.

Steering-Power.

Wrench-wheel.

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Mich. Spec. # 3958-0039
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TRUCK: PANEL-VAN BODY
(Payload-3,100 lbs., min.)

MODEL-2002 CURRENT NEW

	CHEV VAN/ GMC SAVANA <u>G21405</u>	DODGE VAN B3500 <u>AB3L12</u>	FORD ECONOLINE <u>E-250</u>
G.V.W.R. 8,550 (lbs.), minimum	8,600	8,700	8,600
Wheelbase (inches)	125	127.6	138
Engine: Gasoline	5.7L	5.9L	5.4L
Type & No. of Cylinders	V-8	V-8	V-8
Net H.P.-S.A.E.	250	245	235
Transmission: Automatic			
Axle, Min. Cap. Rear-lbs.	5,700	5,360	5,400
Springs, Min. Cap. at Ground			
Front-lbs. each	1,900	2,876	1,700
Rear-lbs. each	2,680	2,870	2,672

Cab-Standard.

Tires, Truck, Tubeless, Radial, to meet G.V.W.R. All Season.

TO BE STANDARD FACTORY EQUIPPED INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:

Alternator-80 amp. min.

Axle, rear-limited slip.

Battery-12 Volt, 600 CCA min.

Brakes-Power.

Bumper Rear, Mfg. Stnd.

Doors, Rear, Panel-Window in top of each door, fixed or movable type. Locks on all doors. Door Right Side, hinged with movable windows.

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Fuel capacity-largest available from mfg.

Locks, Power Doors.

Mirrors-Rear View, Inside. Outside R.H. and L.H. below eye level,
40 sq. in. minimum, swing away type. Installed.

Seat, Front-Driver and passenger, high back.

Spare tire and wheel. Full size. Mfg. Std. mounting.

Speed Control, Factory Installed.

Steering-Power.

Wrench-wheel.

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Mich. Spec. # 3905-0040
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TRUCK: VAN-15 PASSENGER
(Payload-3,400 lbs., min.)

MODEL-2002 CURRENT NEW

	DODGE RAM	FORD	CHEVY/GMC
	MAXI	SUPER	EXTENDED
	WAGON	WAGON	SPORTVAN
	B3500	E-350	CG31706
	<u>AB3L53</u>		
G.V.W.R. (lbs.)	9,200	9,100	9,500
Wheelbase (inches)	127.6	138	155
O.A.L	234.5	231.8	225.1
Engine: Gasoline	5.9L	5.4L	5.7L
Type & No. of Cylinders	V-8	V-8	V-8
Net H.P.-S.A.E.	245	235	255
Transmission: Automatic			
Axle, Min. Cap.			
Front-lbs.	4,000	4,600	4,300
Rear-lbs.	6,084	6,340	6,084
Springs, Min. Cap. at Ground			
Front-lbs. each	2,600	1,700	2,150
Rear-lbs. each	3,100	3,097	3,042

Tires, Truck, Tubeless, Radial, to meet G.V.W.R. All Season.

TO BE STANDARD FACTORY EQUIPPED INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:

Air Conditioning-Front and Rear
Alternator-80 amp., min.
Axle, rear-limited slip.
Battery-12 Volt, 600 CCA min.
Brakes- Power.

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Bumper-Front and Rear, Mfg. standard finish.
Doors-Passenger, right side, double.

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Fuel capacity-largest available from mfg.
Glass -Swing-out side doors, and fixed or swing-out rear door windows.
Glass-Tinted, all around, movable side door window(s), fixed or movable rear door windows.
Heater, Auxiliary-Passenger compartment.
Insulation package-Front floor driver's compartment, side panels. Full-length
headlining insulation, full width floor mat passenger compartment. (Deluxe or heavy duty.)
Locks – Power Doors.
Mirrors-Rear View, Inside. Outside R.H. and L.H. below eye level,
40 sq. in. minimum, swing away type. Installed.
Seat, driver and passenger, high back bucket, and 4-bench type passenger seats
with arm rests.
Spare tire and wheel. Full size. Mfg. Std. mounting.
Speed Control, Factory Installed.
Stabilizer bar-front.
Steering-Power.
Wrench-wheel.

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Mich. Spec. #3905-0041
August, 2001

TRUCK: COMPACT VAN PASSENGER

Rear Wheel Drive, 7 Passenger, Minimum
(Payload-1,150 lbs., min.)

MODEL-2002 CURRENT NEW

CHEV
ASTRO/
GMC
SAFARI

G.V.W.R. (lbs.) 5,950

Wheelbase (inches) 111

Engine: Gasoline 4.3L

Type & No. of Cylinders V-6

Net H.P.-S.A.E. 190

Transmission: Automatic

Axle, Min. Cap.

Front-lbs. 2,800

Rear-lbs. 3,150

Springs, Min. Cap. at Ground

Front-lbs. each 1,400

Rear-lbs. each 1,575

Tires, Tubeless, Radial, to meet G.V.W.R. All Season.

TO BE STANDARD FACTORY EQUIPPED INCLUDING, BUT NOT LIMITED TO, THE
FOLLOWING:

Alternator-80 amp., min.

Battery-12 Volt, 600 CCA, Min.

Brakes-Power.

Bumper-Front and rear, Mfg. standard finish.

Doors, rear-panel type (If Available)

Fuel capacity-largest available from mfg.

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Glass-Tinted, all around, movable side door window(s), fixed or movable rear door windows.

Headliner-Full length, trim panels doors and sidewalls.

Locks – Power Doors.

Mirrors-Rear View, Inside. Outside R.H. and L.H. below eye level,

30 sq. in. minimum. Installed. Mfg. Standard finish.

Seats-driver and passenger, high back bucket. Seating for additional 5-passengers.

Spare tire and wheel, Limited Service. Mfg. Std. mounting.

Speed Control, Factory Installed.

Steering-Power.

Wrench-wheel.

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Mich. Spec. #3905-0042
August, 2001

TRUCK: COMPACT VAN PASSENGER, FRONT WHEEL DRIVE

7 Passenger, Minimum
(Payload-1,100 lbs., min.)

MODEL-2002 CURRENT NEW

	CHRYSLER VOYAGER DODGE <u>CARAVAN</u>	PONTIAC <u>MONTANA</u>	CHEVY <u>VENTURE</u>	OLDS <u>SILHOUETTE</u>	FORD <u>WINDSTAR</u>
G.V.W.R. (lbs.), 5,000 min.	5,400	5,357	5,357	5,357	5,300
Wheelbase (inches)	113.3	112	112	112	120.7
Engine: Gasoline	3.3L	3.4L	3.4L	3.4L	3.0L
Type & No. of Cylinders	V-6	V-6	V-6	V-6	V-6
Net H.P.-S.A.E.	180	185	185	185	150
Transmission: Automatic					
Axle, Min. Cap.					
Front-lbs.	2,850	2,725	2,725	2,725	2,800
Rear-lbs.	2,750	2,679	2,679	2,679	2,700
Springs, Min. Cap. at Ground					
Front-lbs. each	1,200	1,781	1,781	1,781	1,323
Rear-lbs. each	1,375	1,448	1,448	1,448	1,232

Tires, Tubeless, Radial, P195/75R14 Minimum. All Season.

TO BE STANDARD FACTORY EQUIPPED INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:

Alternator-80 amp., min.
Battery-12 Volt, 500 CCA, Min.
Brakes-Power.
Bumper-Front and rear, Mfg. standard finish.
Defogger-rear window.
Doors, Dual Sliding, Right and Left Side.

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Fuel capacity-largest available from mfg.

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Glass-Tinted, all around, movable side door window(s), fixed or movable rear door windows.

Headliner-Full length, trim panels doors and sidewalls.

Locks – Power Doors.

Mirrors-Rear View, Inside. Outside R.H. and L.H. below eye level, 25 sq. in. minimum.

Installed. Mfg. Standard finish.

Seats-driver and passenger, high back bucket, and seating for additional 5-passengers.

Spare Tires Limited Service tire and wheel. Mfg. Stnd. mounting.

Speed Control, Factory Installed.

Steering-Power.

Wiper/washer-rear glass

Wrench-wheel.

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Mich. Spec. # 3958-0043
August, 2001

TRUCK: COMPACT VAN, CARGO
Rear Wheel Drive (Payload-1,600 lb., min.)

MODEL-2002 CURRENT NEW

CHEV
ASTRO/GMC
SAFARI

G.V.W.R. (lbs.), 5,300 minimum	5,600
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Wheelbase (inches)	111
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Engine: Gasoline	4.3L
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Type & No. of Cylinders	V-6
-------------------------	-----

Net H.P.-S.A.E.	190
-----------------	-----

Transmission: Automatic

Axle, Min. Cap.

Front-lbs.	2,800
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Rear-lbs.	3,150
-----------	-------

Springs, Min. Cap. at Ground

Front-lbs. each	1,400
-----------------	-------

Rear- lbs. each	1,575
-----------------	-------

Tires, Tubeless, Radial, to meet G.V.W.R. All Season.

TO BE STANDARD FACTORY EQUIPPED INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:

Alternator-80 amp. min.

Axle, rear-limited slip

Battery-12 Volt, 600 CCA, Min.

Brakes-power.

Bumper-Front and rear, Mfg. standard finish.

Doors, rear-panel type.

Fuel capacity-largest available from mfg.

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Lock – Power Doors.

Mirrors-Rear View, Inside. Outside R.H. and L.H. below eye level, 30 sq. in. minimum.

Installed. Mfg. standard finish.

Seats-driver and passenger, high back bucket.

Spare tire and wheel. Mfg. Std. mounting.

Speed Control, Factory Installed.

Steering-Power.

Windows-all doors.

Wrench-wheel.

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Mich. Spec. # 3958-0044
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TRUCK: COMPACT VAN, CARGO, FRONT WHEEL DRIVE
(Payload 1,580 lb., min.)

MODEL-2002 CURRENT NEW

	<u>DODGE GRAND CARAVAN</u>	<u>FORD WINDSTAR</u>
G.V.W.R. (lbs.)	5,500	5,540
Wheelbase	119.3	120.7
Engine: Gasoline	3.3L	3.0L
Type & No. of Cylinders	V-6	V-6
Net H.P.-S.A.E.	158	150
Transmission: Automatic		
Axle Min. Cap.		
Front-lbs.	2,850	2,800
Rear-lbs.	3,000	2,700
Springs, Min. Cap. at Ground		
Front-lbs. each	1,173	1,356
Rear- lbs. each	1,500	1,254

Tires, Tubeless, Radial, to meet G.V.W.R. All Season.

TO BE STANDARD FACTORY EQUIPPED INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:

Alternator-80 amp. min.
Battery-12 Volt, 500 CCA, Min.
Brakes-power.
Bumper-Front and rear, Mfg. standard finish.
Doors, Dual Sliding, Right and Left Side
Fuel capacity-largest available from mfg.
Locks – Power Doors.

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Mirrors-Rear View, Inside. Outside R.H. and L.H. below eye level, 25 sq. in. minimum.

Installed. Mfg. standard finish.

Seats-driver and passenger, high back bucket.

Spare tire and wheel, Limited Service. Mfg. Std. mounting.

Speed Control, Factory Installed.

Steering-Power.

Windows-all doors.

Wrench-wheel.

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Mich. Spec. # 3958-0045
August, 2001

TRUCK: PICK-UP BODY, CREW CAB, FOUR DOOR
(6 Foot Box) (Payload-3,970 lbs., min.)

MODEL-2002 CURRENT NEW

	CHEV/GMC	FORD
	<u>C35943/E63</u>	<u>F-350SD</u> <u>W-30</u>
G.V.W.R. (lbs.)	11,400	9,900
Wheelbase (inches)	167.5	156
Type & Size of Body	Fleetside/ Wideside	Styleside
Engine: Gasoline	6.0L	5.4L
Type & No. of Cylinders	V-8	V-8
Net H.P.-S.A.E.	300	235
Transmission: Automatic		
Axle, Min. Cap. Rear-lbs.	8,550	6,830
Springs, Min. Cap. at Ground		
Front-lbs. each	2,335	1,750
Rear-lbs. each	4,225	3,415

Cab-Full width rear window

Tires, Truck, Tubeless, Radial, to meet G.V.W.R. All Season or mud and snow on rear.

TO BE STANDARD FACTORY EQUIPPED INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:

Alternator-80 amp., min.

Axle, rear-limited slip.

Battery-12 Volt, 600 CCA, minimum.

Brakes-Power.

Bumper-Rear, step down type, Heaviest Avail. Towing Capacity, Mfg. Std.

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Fuel capacity-largest available from mfg.

Locks – Power Doors.

Mirrors-Rear View, Inside. Outside R.H. and L.H. below eye level, 40 sq. in.
minimum, swing away type. Installed.

Seats-Front and rear bench.

Spare tire and wheel. Mfg. Std. mounting.

Speed Control, Factory Installed.

Steering-Power.

Wrench-wheel.

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Mich. Spec. #3905-0046
August, 2001

TRUCK: COMPACT VAN PASSENGER, EXTENDED BODY
FRONT WHEEL DRIVE, 7 Passenger, Minimum
(Payload-1,100 lbs., min.)

MODEL-2002 CURRENT NEW

	CHRYSLER VOYAGER DODGE <u>CARAVAN</u>	PONTIAC <u>MONTANA</u>	CHEVY <u>VENTURE</u>	OLDS <u>SILHOUETTE</u>	FORD <u>WINDSTAR</u>
G.V.W.R. (lbs.), 5,000 min.	5,400	5,357	5,357	5,357	5,300
Wheelbase (inches)	113.3	112	112	112	120.7
Engine: Gasoline	3.3L	3.4L	3.4L	3.4L	3.0L
Type & No. of Cylinders	V-6	V-6	V-6	V-6	V-6
Net H.P.-S.A.E.	180	185	185	185	150
Transmission: Automatic					
Axle, Min. Cap.					
Front-lbs.	2,850	2,725	2,725	2,725	2,800
Rear-lbs.	2,750	2,679	2,679	2,679	2,700
Springs, Min. Cap. at Ground					
Front-lbs. each	1,200	1,781	1,781	1,781	1,323
Rear-lbs. each	1,375	1,448	1,448	1,448	1,232

Tires, Tubeless, Radial, P195/75R14 Minimum. All Season.

TO BE STANDARD FACTORY EQUIPPED INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:

Alternator-80 amp., min.
Battery-12 Volt, 500 CCA, Min.
Brakes-Power.
Bumper-Front and rear, Mfg. standard finish.
Defogger-rear window.
Fuel capacity-largest available from mfg.

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Glass-Tinted, all around, movable side door window(s), fixed or movable rear door windows.

Headliner-Full length, trim panels doors and sidewalls.

Locks – Power Doors.

Mirrors-Rear View, Inside. Outside R.H. and L.H. below eye level, 25 sq. in. minimum.

Installed. Mfg. Standard finish.

Seats-driver and passenger, high back bucket, and seating for additional 5-passengers.

Spare Tires Limited Service tire and wheel. Mfg. Stnd. mounting.

Speed Control, Factory Installed.

Steering-Power.

Wiper/washer-rear glass

Wrench-wheel.

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**STATE OF MICHIGAN
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Mich. Spec. # 3958-0048
August, 2001

TRUCK: PICK-UP BODY
(8 Foot Box) (Payload-4,900 lbs., min.)

MODEL-2002 CURRENT NEW

	<u>CHEV/GMC</u> <u>C35953/E63</u>	<u>DODGE</u> <u>BR3500</u> <u>BR3L62</u>	<u>FORD</u> <u>F-350SD</u> <u>F-30</u>
G.V.W.R. 9,900 (lbs.), minimum	11,400	10,500	9,900
Wheelbase (inches)	157.6	135	137.0
Type & Size of Body	Fleetside/ Wideside	Sweptline	Styleside
Engine: Gasoline	6.0L	5.9L	5.4L
Type & No. of Cylinders	V-8	V-8	V-8
Net H.P.-S.A.E.	300	245	235
Transmission: Automatic			
Axle, Min. Cap. Rear-lbs.	8,550	7,500	6,830
Springs, Min. Cap. at Ground			
Front-lbs. each	2,335	2,250	2,350
Rear-lbs. each	4,225	3,750	3,415
Rear Wheels	Dual	Dual	Single

Cab-Full width rear window

Tires, Truck, Tubeless, Radial, to meet G.V.W.R. All Season.

TO BE STANDARD FACTORY EQUIPPED INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:

Alternator-80 amp., min.

Axle, rear-limited slip.

Battery-12 Volt, 600 CCA, minimum.

Brakes-Power.

Bumper-Rear, step down type, Heaviest Avail. Towing Capacity, Mfg. Std.

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Fuel capacity-largest available from mfg.

Mirrors-Rear View, Inside. Outside R.H. and L.H. below eye level,

40 sq. in. minimum, swing away type. Installed.

Spare tire and wheel. Mfg. Std. mounting.

Steering-Power.

Wrench-wheel.

READ PAGES B-B1.

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Mich. Spec. # 3958-0049
August, 2001

TRUCK: PICK-UP BODY, CREW CAB, FOUR DOOR
(8 Foot Box) (Payload-3,970 lbs., min.)

MODEL-2002 CURRENT NEW

	CHEV/GMC	FORD
	<u>C35943/E63</u>	<u>F-350SD</u> <u>W-30</u>
G.V.W.R. (lbs.)	11,400	9,900
Wheelbase (inches)	168.5	172.0
Type & Size of Body	Fleetside/ Wideside	Styleside
Engine: Gasoline	6.0L	5.4L
Type & No. of Cylinders	V-8	V-8
Net H.P.-S.A.E.	300	235
Transmission: Automatic		
Axle, Min. Cap. Rear-lbs.	8,550	6,830
Springs, Min. Cap. at Ground		
Front-lbs. each	2,335	1,900
Rear-lbs. each	4,225	3,415
Rear Wheel	Dual	Single

Cab-Full width rear window

Tires, Truck, Tubeless, Radial, to meet G.V.W.R. All Season or mud and snow on rear.

TO BE STANDARD FACTORY EQUIPPED INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:

Alternator-80 amp., min.
Axle, rear-limited slip.
Battery-12 Volt, 600 CCA, minimum.
Brakes-Power.

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Bumper-Rear, step down type, Heaviest Avail. Towing Capacity, Mfg. Stnd.

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Fuel capacity-largest available from mfg.

Locks – Power Doors.

Mirrors-Rear View, Inside. Outside R.H. and L.H. below eye level, 40 sq. in.
minimum, swing away type. Installed.

Seats-Front and rear bench.

Spare tire and wheel. Mfg. Std. mounting.

Speed Control, Factory Installed.

Steering-Power.

Wrench-wheel.

READ PAGES B-B1.

**STATE OF MICHIGAN
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Mich. Spec. # 3958-0050
August, 2001

TRUCK: PICK-UP BODY, EXTENDED CAB, FOUR DOOR
4 X 2, (8 Foot Box), (Payload-3,970 lbs., min.)

MODEL-2002 CURRENT NEW

	DODGE BE3500 <u>BE3L34</u> C35953	FORD F-350SD <u>X-30</u>	CHEV/GMC
G.V.W.R. (lbs.)	10,500	9,900	11,400
Wheelbase (inches)	155	158	157.5
Type & Size of Body	Sweptline	Styleside	Fleetside
Engine: Gasoline	5.9L	5.4L	6.0L
Type & No. of Cylinders	V-8	V-8	V-8
Net H.P.-S.A.E.	245	235	300
Transmission: Automatic			
Axle, Min. Cap. Rear-lbs.	7,500	6,830	8,550
Springs, Min. Cap. at Ground			
Front-lbs. each	2,250	1,750	2,335
Rear-lbs. each	3,752	3,415	4,225
Cab-Full width rear window			
Rear Wheels:	Dual	Single	Dual
Tires, Truck, Tubeless, Radial, to meet G.V.W.R. All Season or mud and snow on rear.			

TO BE STANDARD FACTORY EQUIPPED INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:

Alternator-80 amp., min.
Axle, rear-limited slip.
Battery-12 Volt, 600 CCA, minimum.

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Brakes-Power.

Bumper-Rear, step down type, Heaviest Avail. Towing Capacity, Mfg. Std.

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Fuel capacity-largest available from mfg.

Mirrors-Rear View, Inside. Outside R.H. and L.H. below eye level, 40 sq. in.
minimum, swing away type. Installed.

Seats-Front and rear bench.

Spare tire and wheel. Mfg. Std. mounting.

Steering-Power.

Wrench-wheel.

READ PAGES B-B1.

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Mich. Spec. # 3905-0056
August, 2001

TRUCK: UTILITY VEHICLE, LARGE-6-PASSENGER-WITH PANEL REAR DOORS
(Payload-3,000 lbs., min.)

MODEL-2002 CURRENT NEW

	<u>FORD EXCURSION</u>	CHEV/GMC SUBURBAN/YUKON XL <u>CZ5906</u>
G.V.W.R. 8,600 (lbs.), minimum	8,600	8,600
Wheelbase (inches)	137.1	130
Engine: Gasoline	5.4L	6.0L
Type & No. of Cylinders	V-8	V-8
Net H.P.-S.A.E.	260	300
Transmission: Automatic		
Axle, min. Cap. Rear-lbs.	7,000	6,000
Springs, Cap. at Ground		
Front-lbs. each	1,900	1,900
Rear-lbs. each	2,620	3,000

Tires, Tubeless-LT 245/75R 16E (10PR), All Season.

TO BE STANDARD FACTORY EQUIPPED INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:

Alternator-80 amp., minimum.

Axle, rear-limited slip

Battery-12 Volt, 600 CCA, minimum.

Body-Finished interior (no exposed outside body sheet metal), full length headliner.

Brakes-Power.

Bumper-Rear, Mfg. Std.

Fuel capacity-largest available from mfg.

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Mich. Spec. # 3958-0056
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Mirrors-Rear View, Inside. Outside R.H. and L.H. below eye level, 51 sq. in.
minimum, swing away type. Installed.
Seats-Full bench front, forward facing full bench rear.
Spare tire and wheel. Full size. Mfg. Std. mounting.
Stabilizer bar-front.
Steering-Power.
Wrench-wheel.

READ PAGES B-B1.

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Mich. Spec. # 3958-0072
August, 2001

TRUCK: CAB AND CHASSIS

G.V.W.R. 10,000 lbs. min., (Payload 4,900 lb. min.)

MODEL-2002 CURRENT NEW

	CHEV/GMC	DODGE	FORD
		BR3500	F-350SD
	<u>C35903/ZW9</u>	<u>BR3L63</u>	<u>F-36-DRW</u>
Wheelbase (inches)	133	138.7	141.0
C.A. (inches)	60	60	60
Engine: Gasoline	6.0L	5.9L	5.4L
Type & No. of Cylinders	V-8	V-8	V-8
Net H.P.-S.A.E.	300	245	235
Transmission: Automatic with Maximum capacity transmission oil cooler. Factory installed.			
Axle, Min. Cap.			
Front-lbs	4,500	5,200	4,700
Rear-lbs.	8,550	8,000	9,750
Springs, Min. Cap. at Ground			
Front-1,607 lbs. each	2,050	2,600	1,675
Rear-3,650 lbs. each	3,750	4,000	4,875
Including Aux.	3,750	P.I.A. Main	

*SEE Mich. 3958-0074, Mich. 3958-0075, or Mich. 3958-0076 for body.

Tires, Truck, Tubeless, Radial, to meet G.V.W.R. Rear duals, mud and snow, All Terrain Type, tread design shall be similar to Goodyear Wrangler AT, or Michelin XC-AT.

TO BE STANDARD FACTORY EQUIPPED INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:

Alternator-80 amp., min.

Axle, rear-limited slip.

Battery-12 Volt, 600 CCA, minimum.

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Mich. Spec. # 3958-0072
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Brakes-Power.

Fuel capacity-largest available from mfg.

Mirrors-Rear View, Inside. Outside R.H. and L.H., below eye level, extended reach, swing away type, 51 sq. in., minimum. Installed.

Spare tire and wheel. Mfg. Std. mounting.

Steering-Power.

Wrench-wheel.

READ PAGES B-B1.

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Mich. Spec. # 3958-0073
August, 2001

TRUCK: CAB AND CHASSIS

G.V.W.R. 12,500 lbs. min., (Payload 6,700 lb. min.)

MODEL-2002 CURRENT NEW

	<u>CHEV/GMC C4C042 or C31003/ZW9/C5B</u>	<u>FORD F-350SD</u>
Wheelbase (inches)	128	141.0
C.A. (inches)	60	60
Engine: Diesel	6.6L	7.3L
Type & No. of Cylinders	V-8	V-8 Turbo
Net H.P.-S.A.E.	300	250
Transmission: Automatic with Maximum capacity transmission oil cooler. Factory installed.		
Axle, Min. Cap.		
Front-lbs	5,000	4,700
Rear-lbs.	11,000	9,750
Springs, Min. Cap. at Ground		
Front-1,607 lbs. each	2,500	1,675
Rear-3,650 lbs. each	5,500	4,875
Including Aux.		

*SEE Mich. 3958-0074, Mich. 3958-0075, or Mich. 3958-0076 for body.

Tires, Truck, Tubeless, Radial, to meet G.V.W.R. Rear duals, mud and snow, All Terrain Type, tread design shall be similar to Goodyear Wrangler AT, or Michelin XC-AT.

TO BE STANDARD FACTORY EQUIPPED INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:

Alternator-80 amp., min.

Axle, rear-limited slip.

Battery-12 Volt, 600 CCA, minimum.

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Mich. Spec. # 3958-0073
August, 2001

Brakes-Power.

Fuel capacity-largest available from mfg.

Mirrors-Rear View, Inside. Outside R.H. and L.H., below eye level, extended reach, swing away type, 51 sq. in., minimum. Installed.

Spare tire and wheel. Mfg. Std. mounting.

Steering-Power.

Wrench-wheel.

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Mich. Spec. # 3958-0074
August, 2001

DUMP BODY AND HOIST, 2 CU. YD.

Type & Size of Body Dump, 2-yard capacity with 3-yard ends, Vertical side bracing and gate bracing. Sloped running boards. Width, approx. 6-1/2'. Length- 8'0". Body and cab guard- 12 gauge. Continuous welding, except structural members to sheet metal, 5" (min.) long sills, 4" (min.) crossmembers. Structural channel or interlaced understructure of comparable strength.

Hoist N.T.E.A. Class C or Class 20, double acting. Electric-over-hydraulic hydraulic system. System pressure shall be compatible with hoist to allow lifting of fully loaded body. To be operated by a dash mounted self-centering control switch.

Back Up Alarm-electronic type, moisture resistant, approx. 95 dba sound level.

Shall be equipped with a blocking device permanently attached, capable of being locked in position to prevent inadvertent lowering of body during maintenance or inspection work.

Mud Flaps-Plain. Anti-Sail Type, including Anti-Sail Hardware (No advertising either side.).

Color-To be same as cab and chassis.

Cab Protector- 1/2 x full width, 12 ga.

Lights-To be equipped with all clearance lamps and/or reflectors necessary to conform with laws of the State of Michigan.

Body Vendor to install body and hoist, mud flaps, side, front and rear clearance lamps, all reflectors, and relocate rear turn signals, if necessary.

All items removed from cab and chassis by body installer (frame ends, fuel tanks, etc.) remain the property of the State of Michigan and are to be returned with truck.

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Mich. Spec. # 3958-0075
August, 2001

9 FT. STAKE BODY

Type & Size of Body: Approx. 9 Ft. Stake.

Platform to be of non-skid tread plate, 1/8" minimum. Stake pockets to be of 12 gauge steel. Complete with removable racks (approximately 42 in. high) front, rear and sides. Steel slats, 14 ga. (min.)

Steel rub-rail. Longitudinal sills, 6" (min.) Structural steel channels. Crossmembers, 3" (min.) structural channel or 3" Jr. I beam (min.) on approx. 18" centers.

Body to be: Omaha
Knapheide
Midwest
Park Hurst
Supreme

or approved equal.

Mounting-Shall include 2 U-bolts per side, plus 2 shear straps (1 ea. side) minimum of 3/8" x 2-1/2", welded to body long sills and bolted to frame.

Factory supplied sill plates acceptable on DODGE vehicles.

Filler Strips-Hardwood (rough sawn green oak or beech) or metal filler strips, one piece, full length, contoured to frame shall be installed between body sub-frame and truck frame on all body installations. Discontinuous filler strips acceptable on cab & chassis with humped frame rails. Body Mfg. recommended Stnd.

Back Up Alarm-Electronic type, moisture resistant, approx. 95 dba sound level.

Mud Flaps-Plain., Anti-Sail Type, including Anti-Sail Hardware (No advertising.).

Color-To be same as Cab and Chassis. Stake rack to match chassis, platform shall be black.

Rear Bumper-ICC type; delete if power tail gate is specified.

Lights-To be equipped with all clearance lamps and/or reflectors necessary to conform with laws of the State of Michigan.

Body vendor to install body, mud flaps, side, front and rear clearance lamps, all reflectors, and relocate rear turn signals, if necessary.

All items removed from cab and chassis by body installer (frame ends, fuel tanks, etc.), remain

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the property of the State of Michigan and are to be returned with truck.

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Mich. Spec. # 3958-0076
August, 2001

9 FT. STAKE BODY AND HYDRAULIC HOIST

Type & Size of Body: Approx. 9 Ft. Stake. Structural steel long sills, 6" minimum. Platform to be of non-skid tread plate, 1/8" minimum. Stake pockets to be of 12 gauge steel. Complete with removable racks, front, rear and sides. Steel slats, 14 ga. (min.) Racks to be approximately 30 inches in height. Crossmembers, 3" (min.) structural channel or 3" Jr. I beam (min.) on approx. 18" centers.

Body to be: Omaha
Knapheide
Midwest
Park Hurst
Supreme
or approved equal.

*Hoist N.T.E.A. Class B, double acting. Electric-over-hydraulic hydraulic system. System pressure shall be compatible with hoist to allow lifting of fully loaded body. To be operated by a dash mounted self-centering control switch.

Shall be equipped with a blocking device permanently attached, capable of being locked in position to prevent inadvertent lowering of body during maintenance or inspection work.

Filler Strips-Hardwood (rough sawn green oak or beech) or metal filler strips, one piece, full length, contoured to frame shall be installed between body sub-frame and truck frame on all body installation. Discontinuous filler strips acceptable on cab & chassis with humped frame rails. Body Mfg. recommended Std.

Back Up Alarm-Electronic type, moisture resistant, approx. 95 dba sound level.

Mud Flaps-Plain, Anti-Sail Type, including Anti-Sail Hardware, (No advertising either side).

Color-To be same as Cab and Chassis. Stake rack to match chassis, platform shall be black.

Lights-To be equipped with all clearance lamps and/or reflectors necessary to conform with laws of the State of Michigan.

Body Vendor to install body and hoist, mud flaps, side, front and rear clearance lamps, all reflectors, and relocate rear turn signals, if necessary.

All items removed from cab and chassis by body installer (frame ends, fuel tanks, etc.), remain the property of the State of Michigan and are to be returned with truck..

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Mich. Spec. # 3958-0077
August, 2001

TRUCK: CAB AND CHASSIS
(Payload-5,500 lbs., min.)*

MODEL-2002 CURRENT NEW

	CHEV/GMC C4C042 or <u>C31403/ZW9/C5B</u>	DODGE BR3500 <u>BR3L64</u>	FORD <u>F-350</u>
G.V.W.R. (11,000 lbs. min.)	16,000	11,000	11,200
Wheelbase (inches)	152	162.7	165.0
C.A. (inches)	84	84	84
Engine: Gasoline	8.1L	5.9L	5.4L
Type & No. of Cylinders	V-8	V-8	V-8
Net H.P.-S.A.E.	225	245	235
Transmission: Automatic with maximum capacity transmission oil cooler. Factory installed.			
Axle, Min. Cap.			
Front-lbs.	5,000	5,200	4,700
Rear-lbs.	11,000	8,000	9,750
Springs, Min. Cap. at Ground			
Front-lbs. each	2,500	2,600	1,900
Rear-lbs. each	5,500	4,000	4,500
including aux.		P.I.A. Main	

*SEE Mich. 3958-0078 or Mich. 3958-0079 for body.

Tires, Truck, Tubeless, Radial, to meet G.V.W.R. Rear duals, mud and snow, All Terrain Type, tread design shall be similar to Goodyear Wrangler AT, or Michelin XC-AT.

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TO BE STANDARD FACTORY EQUIPPED INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:

Alternator-80 amp., min.

Axle, rear-limited slip.

Battery-12 Volt, 600 CCA, minimum.

Brakes-Power.

Fuel capacity-largest available from mfg.

Mirrors-Rear View, Inside. Outside R.H. and L.H., below eye level, extended reach, swing away type, 51 sq. in. minimum. Installed.

Spare tire and wheel. Mfg. Std. mounting.

Steering-Power

Wrench-wheel.

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Mich. Spec. # 3958-0078
August, 2001

TRUCK: CAB AND CHASSIS
(Payload-6,675 lbs., min.)*

MODEL-2002 CURRENT NEW

	<u>FORD</u> <u>F-350</u>	<u>CHEV/GMC</u> <u>C4C042 or</u> <u>C31403/ZW9/C5B</u>
G.V.W.R. (12,500 lbs. min.)	12,500	16,000
Wheelbase (inches)	165.0	152
C.A. (inches)	84	84
Engine: Diesel	7.3L	6.5L
Type & No. of Cylinders	V-8 Turbo	V-8
Net H.P.-S.A.E.	250	210
Transmission: Automatic with maximum capacity transmission oil cooler. Factory installed		
Axle, Min. Cap.		
Front-lbs.	4,700	5,000
Rear-lbs.	9,750	11,000
Springs, Min. Cap. at Ground		
Front-lbs. each	1,900	2,500
Rear-lbs. each	4,500	5,500
including aux.		

*SEE Mich. 3958-0078 or Mich. 3958-0079 for body.

Tires, Truck, Tubeless, Radial, to meet G.V.W.R. Rear duals, mud and snow, All Terrain Type, tread design shall be similar to Goodyear Wrangler AT, or Michelin XC-AT.

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TO BE STANDARD FACTORY EQUIPPED INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:

Alternator-80 amp., min.

Axle, rear-limited slip.

Battery-12 Volt, 600 CCA, minimum.

Brakes-Power.

Fuel capacity-largest available from mfg.

Mirrors-Rear View, Inside. Outside R.H. and L.H., below eye level, extended reach, swing away type, 51 sq. in. minimum. Installed.

Spare tire and wheel. Mfg. Std. mounting.

Steering-Power

Wrench-wheel.

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Mich. Spec. # 3958-0079
August, 2001

12 FT. STAKE BODY

Type & Size of Body: Approx. 12 Ft. Stake.

Platform to be of non-skid tread plate, 1/8" minimum. Stake pockets to be of 12 gauge steel. Complete with removable racks (approximately 42 in. high) front, rear and sides. Steel slats, 14 ga. (min.)

Steel rub-rail. Longitudinal sills, 6" (min.) Structural steel channels. Crossmembers, 3" (min.) structural channel or 3" Jr. I beam (min.) on approx. 18" centers.

Body to be: Omaha
Knapheide
Midwest
Park Hurst
Supreme
or approved equal.

Mounting-Shall include 2 U-bolts per side, plus 2 shear straps (1 ea. side) minimum of 3/8" x 2-1/2", welded to body long sills and bolted to frame.

Factory supplied sill plates acceptable on DODGE vehicles.

Filler Strips-Hardwood (rough sawn green oak or beech) or metal filler strips, one piece, full length, contoured to frame shall be installed between body sub-frame and truck frame on all body installations. Discontinuous filler strips acceptable on cab & chassis with humped frame rails. Body Mfg. recommended Std.

Back Up Alarm-Electronic type, moisture resistant, approx. 95 dba sound level.

Mud Flaps-Plain, Anti-Sail Type, including Anti-Sail Hardware (No advertising.).

Color-To be same as Cab and Chassis. Stake rack to match chassis, platform shall be black.

Rear Bumper-ICC type; delete if power tail gate is specified.

Lights-To be equipped with all clearance lamps and/or reflectors necessary to conform with laws of the State of Michigan.

Body Vendor to install body, mud flaps, side, front and rear clearance lamps, all reflectors, and relocate rear turn signals, if necessary.

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All items removed from cab and chassis by body installer (frame ends, fuel tanks, etc.), remain the property of the State of Michigan and are to be returned with truck.

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Mich. Spec. # 3958-0080
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12 FT. STAKE BODY AND HYDRAULIC HOIST

Type & Size of Body: Approx. 12 Ft. Stake. Structural steel long sills, 6" minimum. Platform to be of non-skid tread plate, 1/8" minimum. Stake pockets to be of 12 gauge steel. Complete with removable racks, front, rear and sides. Steel slats, 16 ga. (min.) Racks to be approximately 30 inches in height. Crossmembers, 3" (min.) structural channel or 3" Jr. I beam (min.) on approx. 18" centers.

Body to be: Omaha
Knapheide
Midwest
Park Hurst
Supreme
or approved equal.

*Hoist N.T.E.A. Class C double acting. Electric-over-hydraulic hydraulic system. System pressure shall be compatible with hoist to allow lifting of fully loaded body. To be operated by a dash mounted self-centering control switch.

Shall be equipped with a blocking device permanently attached, capable of being locked in position to prevent inadvertent lowering of body during maintenance or inspection work.

Filler Strips-Hardwood (rough sawn green oak or beech) or metal filler strips, one piece, full length, contoured to frame shall be installed between body sub-frame and truck frame on all body installations. Discontinuous filler strips acceptable on cab & chassis with humped frame rails. Body Mfg. recommended Std.

Back Up Alarm-Electronic type, moisture resistant, approx. 95 dba sound level.

Mud Flaps-Plain, Anti-Sail Type, including Anti-Sail Hardware, (No advertising either side).

Color-To be same as Cab and Chassis. Stake rack to match chassis, platform shall be black.

Lights-To be equipped with all clearance lamps and/or reflectors necessary to conform with laws of the State of Michigan.

Body Vendor to install body and hoist, mud flaps, side, front and rear clearance lamps, all reflectors, and relocate rear turn signals, if necessary.

All items removed from cab and chassis by body installer (frame ends, fuel tanks, etc.), remain the property of the State of Michigan and are to be returned with truck.

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Mich. Spec. # 3958-0082
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TRUCK: UTILITY 4-WHEEL DRIVE, TWO DOOR, 4 PASSENGER
(Payload-750 lbs., min.)

MODEL-2002 CURRENT

	JEEP LIBERTY <u>ICJ</u>	CHEV S-10 Blazer/GMC S-10 Jimmy <u>T10516</u>	FORD <u>EXPLORER</u>
G.V.W.R. (lbs.)	4,850	4,850	4,900
Wheelbase (inches)	101.4	100.5	101.7
Engine: Gasoline	4.0L	Vortec-4300	4.0L OHV
Type & No. of Cylinders	I-6	V-6	V-6
Net H.P.-S.A.E.	190	190	160

Transmission: Automatic
w/2 speed transfer case, and maximum capacity transmission oil cooler.
Factory installed.

Tires, tubeless, radial to meet G.V.W.R. Tread design shall be similar to Goodyear Wrangler AT, or Michelin XC-AT.

TO BE STANDARD FACTORY EQUIPPED INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:

Alternator-80 amp., min.
Battery-12 Volt, 500 CCA, minimum.
Brakes-Power.
Bumper-Rear, Mfg. Std.
Defogger-rear window.
Hubs-automatic locking type
Mirrors-Rear View, Inside. Outside R.H. and L.H., below eye level,
swing away type, 24 square inch minimum, Installed.

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Seats-Passenger, front, minimum 2 passenger rear.

Skid Plate(s).

Spare tire and wheel. Full Size. Mfg. Std. mounting.

Steering-Power

Tow hooks-front, frame mounted.

Wiper, Rear, w/Washer

Wrench-wheel.

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Mich. Spec. # 3958-0083
August, 2001

TRUCK: UTILITY 4-WHEEL DRIVE, 4-DOOR
(Payload-900 lbs., min.)

MODEL-2002 CURRENT

	JEEP LIBERTY <u>KJH74</u>	CHEV-BLAZER GMC-JIMMY <u>CT10506</u>	FORD <u>EXPLORER</u>
G.V.W.R. (lbs.)	5,600	5,350	5,240
Wheelbase (inches)	104.3	107.0	112.0
Engine: Gasoline	3.7L	Vortec-4300	4.0L OHV
Type & No. of Cylinders	V-6	V-6	V-6
Net H.P.-S.A.E.	210	190	160

Transmission: Automatic
w/2 speed transfer case, and maximum capacity transmission oil cooler.
Factory installed.

Tires, tubeless radial to meet G.V.W.R. Tread design shall be similar to Goodyear Wrangler AT, or Michelin XC-AT.

**TO BE STANDARD FACTORY EQUIPPED INCLUDING, BUT NOT LIMITED TO, THE
FOLLOWING:**

Alternator-80 amp., min.
Battery-12 Volt, 500 CCA, minimum.
Brakes-Power.
Bumper-Rear, Mfg. Std.
Defogger-rear window.
Hubs-automatic locking type
Mirrors-Rear View, Inside. Outside R.H. and L.H., below eye level,
swing away type, 24 square inch minimum, Installed.

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Seats-Passenger, front, minimum 2 passenger rear.

Skid Plate(s).

Spare tire and wheel. Full Size. Mfg. Std. mounting.

Steering-Power

Top-Full, hard top.

Tow hooks-front, frame mounted.

Wiper, Rear, w/Washer

Wrench-wheel.

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Mich. Spec. # 3958-0084
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TRUCK: PICK-UP BODY, 6 CYLINDER ENGINE, 4 x 4
(Approx. 7' Box) (Payload-1,000 lbs., min.)

MODEL-2002 CURRENT NEW

	<u>CHEV S-10/ GMC Sonoma</u>	<u>FORD RANGER</u>	<u>DODGE DAKOTA AN5E61</u>
G.V.W.R. (lbs.)	5,150	4,580	5,400
Wheelbase (inches)	108.3	118.0	112.0
Engine: Gasoline	Vortec-4300	3.0L	3.9L
Type & No. of Cylinders	V-6	V-6	V-6
Net H.P.-S.A.E.	190	150	175
Transmission: Automatic With 2 speed transfer case, and maximum capacity transmission oil cooler. Factory installed.			
Axle, min. Cap. Rear-lbs.	2,700	2,750	3,166
Springs, Cap. at Ground			
Front-lbs. each	1,350	1,100	1,800
Rear-lbs. each	1,350	1,285	1,925

Cab-Full width rear window.

Tires, Tubeless, Radial, to meet G.V.W.R. Tread design shall be similar to Goodyear Wrangler AT, or Michelin XC-AT.

TO BE STANDARD FACTORY EQUIPPED INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:

Alternator-80 amp. min.

Battery-12 Volt, 500 CCA, minimum.

Brakes-Power.

Bumper-Rear, step down type, Heaviest Avail. Towing Capacity, Mfg. Std.

Fuel capacity-largest available from mfg.

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Hubs-automatic locking type or axle shaft disconnect system.

Mirrors-Rear View, Inside. Outside R.H. and L.H. below eye level,
swing away type, 35 square inch minimum, Installed.

Skid Plate(s)

Spare tire and wheel. Full size. Mfg. Std. mounting.

Steering-Power.

Tow hooks-front, frame mounted.

Wrench-wheel.

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Mich. Spec. # 3905-0085
August, 2001

TRUCK: UTILITY, 4-DOOR, 6-PASSENGER, FULL SIZE, 4 x 4
(Payload-1,500 lbs., min.)

MODEL-2002 CURRENT NEW

	<u>DODGE DURANGO DN5M74</u>	<u>FORD EXPEDITION</u>	<u>CHEV/GMC TAHOE/YUKON</u>
G.V.W.R. (lbs.)	6,400	7,000	6,800
Wheelbase (inches)	115.9	119	116
Engine: Gasoline	4.7L	4.6L	4800
Type & No. of Cylinders	V-8	V-8	V-8
Net H.P.-S.A.E.	235	210	275
Transmission: Automatic			
Axle, Min. Cap.-lbs.			
Front	3,600	3,950	3,150
Rear	3,850	3,900	4,000
Springs, Cap. at Ground			
Front-lbs., ea.	1,800	1,725	1,575
Rear-lbs., ea.	1,925	1,950	2,000

Tires, Tubeless-P235/75R15 minimum. All Season.

TO BE STANDARD FACTORY EQUIPPED INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:

Alternator-80 amp., min.

Axle, rear-limited slip.

Battery-12 Volt, 600 CCA min.

Body-Finished interior (no exposed outside body sheet metal), full length headliner.

Brakes-Power.

Bumper-Rear, Mfg. Std.

Fuel capacity-largest available from mfg.

Mirrors-Rear View, Inside. Outside R.H. and L.H. below eye level, 54 sq. in. minimum, swing away type. Installed.

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Seats-Full bench front, & full width seat facing forward back of the front seat.

Spare tire and wheel. Full size. Mfg. Std. mounting.

Stabilizer bar-front.

Steering-Power.

Wrench-wheel.

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Mich. Spec. # 3958-0086
August, 2001

TRUCK: PICK-UP BODY, EXTENDED CAB
4 x 4 (8 Foot Box) (Payload-1,300 lbs., min.)

MODEL-2002 CURRENT NEW

	<u>CHEV/GMC</u> <u>K15953</u>	<u>DODGE</u> <u>DR6L42</u>	<u>FORD</u> <u>F-150</u>
G.V.W.R. (lbs.)	6,400	6,800	6,000
Wheelbase (inches)	157.5	160.5	157
Type & Size of Body	Fleetside/ Wideside	Sweptline	Styleside
Engine: Gasoline	4.8L	4.7L	4.6L
Type & No. of Cylinders	V-8	V-8	V-8
Net H.P.-S.A.E.	270	235	220
Transmission: Automatic with 2 speed Transfer Case, and maximum capacity transmission oil cooler. Factory installed.			
Axle, Min. Cap.-lbs.			
Front	3,600	3,900	3,900
Rear	3,750	3,900	3,800
Springs, Min. Cap. at Ground			
Front-lbs. each	1,800	1,925	1,840
Rear-lbs. each	1,875	1,950	1,775

Tires, Tubeless, Radial, to meet G.V.W.R. Tread Design shall be similar to Goodyear Wrangler AT, or Michelin XC-AT.

TO BE STANDARD FACTORY EQUIPPED INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:

Alternator-80 amp., min.

Battery-12 Volt, 540 CCA, minimum.

Brakes-Power.

Bumper-Rear, step down type, Heaviest Avail. Towing Capacity, Mfg. Std.

Doors-Rear, Dual

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Fuel capacity-largest available from mfg.

Hubs-automatic locking type or axle shaft disconnect system.

Mirrors, Rear View, Inside. Outside, R.H. and L.H. below eye level,
40 square inch minimum, Installed.

Seat, Rear-front facing bench.

Skid Plate(s)

Spare tire and wheel. Full Size. Mfg. Std. mounting.

Steering-Power.

Tow hooks-front, frame mounted.

Wrench-wheel.

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Mich. Spec. # 3958-0087
August, 2001

TRUCK: PICK-UP BODY, EXTENDED CAB
4 x 4 (6 Foot Box) (Payload-1,300 lbs., min.)

MODEL-2002 CURRENT NEW

	<u>CHEV/GMC</u> <u>K15753/K10753</u>	<u>DODGE</u> <u>DR6L41</u>	<u>FORD</u> <u>F-150</u>
G.V.W.R. (lbs.)	6,400	6,500	6,000
Wheelbase (inches)	143.5	140.5	139
Type & Size of Body	Fleetside/ Wideside	Sweptline	Styleside
Engine: Gasoline	4800	4.7L	4.6L
Type & No. of Cylinders	V-8	V-8	V-8
Net H.P.-S.A.E.	270	235	220
Transmission: Automatic with 2 speed Transfer Case, and maximum capacity transmission oil cooler. Factory installed.			
Axle, Min. Cap.-lbs.			
Front	3,600	3,900	3,900
Rear	3,750	3,900	3,800
Springs, Min. Cap. at Ground			
Front-lbs. each	1,800	1,932	1,840
Rear-lbs. each	1,875	1,950	1,775

Tires, Tubeless, Radial, to meet G.V.W.R. Tread Design shall be similar to Goodyear Wrangler AT, or Michelin XC-AT.

TO BE STANDARD FACTORY EQUIPPED INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:

Alternator-80 amp., min.

Battery-12 Volt, 540 CCA, minimum.

Brakes-Power.

Bumper-Rear, step down type, Heaviest Avail. Towing Capacity, Mfg. Std.

Doors-Rear, Dual

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Fuel capacity-largest available from mfg.

Hubs-automatic locking type or axle shaft disconnect system.

Mirrors, Rear View, Inside. Outside, R.H. and L.H. below eye level,
40 square inch minimum, Installed.

Seat, Rear-front facing bench.

Skid Plate(s)

Spare tire and wheel. Full Size. Mfg. Std. mounting.

Steering-Power.

Tow hooks-front, frame mounted.

Wrench-wheel.

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Mich. Spec. # 3958-0088
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TRUCK: PICK-UP BODY, EXTENDED CAB
4 x 4 (8 Foot Box) (Payload-2,500 lbs., min.)

MODEL-2002 CURRENT NEW

	<u>CHEV/GMC</u> <u>K25953/E63</u>	<u>DODGE</u> <u>BE2500</u> <u>BE7L34</u>	<u>FORD</u> <u>F-250SD</u>
G.V.W.R. 8,600 (lbs.), minimum	8,600	8,800	8,800
Wheelbase (inches)	157.5	155	158
Type & Size of Body	Fleetside/ Wideside	Sweptline	Styleside
Engine: Gasoline	6.0L	5.9L	5.4L
Type & No. of Cylinders	V-8	V-8	V-8
Net H.P.-S.A.E.	300	245	235
Transmission: Automatic with 2 speed Transfer Case and maximum capacity transmission oil cooler. Factory installed.			
Axle, Min. Cap.-lbs.			
Front	4,500	5,200	5,200
Rear	6,000	6,084	6,830
Springs, Min. Cap. at Ground			
Front-lbs. each	2,250	2,600	2,000
Rear-lbs. each	3,000	3,100	3,042

Tires, Truck, Tubeless, Radial, to meet G.V.W.R. Tread design shall be similar to Goodyear Wrangler AT, or Michelin XC-AT.

TO BE STANDARD FACTORY EQUIPPED INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:

Alternator-80 amp., min.

Battery-12 Volt, 600 CCA, minimum.

Brakes-Power

Bumper-Rear, step down type, Heaviest Avail. Towing Capacity, Mfg. Std.

Doors-Rear, Dual

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Fuel capacity-largest available from mfg.

Mirrors, Rear View, Inside. Outside, R.H. and L.H. below eye level,
40 square inch minimum, installed.

Seat, Rear-front facing bench.

Skid Plate(s)

Spare tire and wheel. Full Size. Mfg. Std. mounting.

Speed Control, Factory Installed

Steering-Power

Tow hooks-front, frame mounted.

Wrench-wheel.

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TRUCK: PICK-UP BODY, EXTENDED CAB
4 x 4 (6 Foot Box) (Payload-2,500 lbs., min.)

MODEL-2002 CURRENT NEW

	<u>CHEV/GMC</u> <u>K25753/E63</u>	<u>DODGE</u> <u>BE2500</u> <u>BE7L33</u>	<u>FORD</u> <u>F250SD</u>
G.V.W.R. 8,600 (lbs.), minimum	8,600	8,800	8,800
Wheelbase (inches)	143.5	139	139
Type & Size of Body	Fleetside/ Wideside	Sweptline	Styleside
Engine: Gasoline	5300	5.9L	5.4L
Type & No. of Cylinders	V-8	V-8	V-8
Net H.P.-S.A.E.	285	245	235
Transmission: Automatic with 2 speed Transfer Case and maximum capacity transmission oil cooler. Factory installed.			
Axle, Min. Cap.-lbs.			
Front	4,250	5,200	5,200
Rear	6,000	6,084	6,830
Springs, Min. Cap. at Ground			
Front-lbs. each	2,250	2,600	2,000
Rear-lbs. each	3,000	3,100	3,042

Tires, Truck, Tubeless, Radial, to meet G.V.W.R. Tread design shall be similar to Goodyear Wrangler AT, or Michelin XC-AT.

TO BE STANDARD FACTORY EQUIPPED INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:

Alternator-80 amp., min.
Battery-12 Volt, 600 CCA, minimum.
Brakes-Power
Bumper-Rear, step down type, Heaviest Avail. Towing Capacity, Mfg. Std.
Doors-Rear, Dual

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Fuel capacity-largest available from mfg.

Mirrors, Rear View, Inside. Outside, R.H. and L.H. below eye level,
40 square inch minimum, installed.

Seat, Rear-front facing bench.

Skid Plate(s)

Spare tire and wheel. Full Size. Mfg. Std. mounting.

Speed Control, Factory Installed,

Steering-Power

Tow hooks-front, frame mounted.

Wrench-wheel.

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TRUCK: PICK-UP BODY
(6 Ft. Box) (4 x 4) (Payload-1,300 lbs., min.)

MODEL-2002 CURRENT NEW

	<u>CHEV/GMC</u> <u>K15703</u>	<u>DODGE</u> <u>DR6L61</u>	<u>FORD</u> <u>F-150</u>
G.V.W.R. (lbs.)	6,100	6,350	6,000
Wheelbase (inches)	119.0	120.5	119.0
Type & Size of Body	Fleetside/ Wideside	Sweptline	Styleside
Engine: Gasoline	4800	4.7L	4.6L
Type & No. of Cylinders	V-8	V-8	V-8
Net H.P.-S.A.E.	270	235	220

Transmission: Automatic.
with 2-speed transfer case and maximum capacity transmission oil cooler.
Factory installed.

Axle, Min. Cap.-lbs.			
Front	3,600	3,900	3,900
Rear	3,750	3,900	3,800
Springs, Min. Cap. at Ground			
Front-lbs. each	1,800	1,930	1,350
Rear-lbs. each	1,875	1,950	1,600

Tires, tubeless, radial to meet G.V.W.R. Tread design shall be similar to Goodyear Wrangler AT, or Michelin XC-AT.

TO BE STANDARD FACTORY EQUIPPED INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:

Alternator-80 amp., min.
Battery-12 Volt, 540 CCA, minimum.
Brakes-Power

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Bumper-Rear, step down type, Heaviest Avail. Towing Capacity, Mfg. Std.

Fuel capacity-largest available from mfg.

Gauges-Temperature and ammeter or voltmeter.

Hubs-Automatic locking type or axle shaft disconnect system.

Mirrors-Rear View, Inside. Outside R.H. and L.H., below eye level,
swing away type, 40 square inch minimum, Installed.

Skid Plate(s)

Spare tire and wheel. Full Size. Mfg. Std. mounting.

Steering-Power.

Tow hooks-front, frame mounted.

Wrench-wheel.

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TRUCK: PICK-UP BODY

(8 Ft. Box) (4 x 4) (Payload-1,300 lbs., min.)

MODEL-2002 CURRENT NEW

	<u>CHEV/GMC</u> <u>K15903</u>	<u>DODGE</u> <u>DR6L62</u>	<u>FORD</u> <u>F-150</u>
G.V.W.R. (lbs.)	6,400	6,550	6,000
Wheelbase (inches)	133	134.7	139
Type & Size of Body	Fleetside/ Wideside	Sweptline	Styleside
Engine: Gasoline	4800	4.7L	4.6L
Type & No. of Cylinders	V-8	V-8	V-8
Net H.P.-S.A.E.	270	235	220

Transmission: Automatic.
with 2-speed transfer case and maximum capacity transmission oil cooler.
Factory installed.

Axle, Min. Cap.-lbs.			
Front	3,600	3,900	3,500
Rear	3,750	3,900	3,800
Springs, Min. Cap. at Ground			
Front-lbs. each	1,800	1,930	1,350
Rear-lbs. each	1,875	1,950	1,600

Tires, tubeless, radial to meet G.V.W.R. Tread design shall be similar to Goodyear Wrangler AT, or Michelin XC-AT.

TO BE STANDARD FACTORY EQUIPPED INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:

Alternator-80 amp., min.
Battery-12 Volt, 540 CCA, minimum.
Brakes-Power

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Bumper-Rear, step down type, Heaviest Avail. Towing Capacity, Mfg. Std.

Fuel capacity-largest available from mfg.

Gauges-Temperature and ammeter or voltmeter.

Hubs-Automatic locking type or axle shaft disconnect system.

Mirrors-Rear View, Inside. Outside R.H. and L.H., below eye level,
swing away type, 40 square inch minimum, Installed.

Skid Plate(s)

Spare tire and wheel. Full Size. Mfg. Std. mounting.

Steering-Power.

Tow hooks-front, frame mounted.

Wrench-wheel.

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TRUCK: PICK-UP BODY

WITH 8 FT. Box (4 x 4) (Payload-3,500 lbs., min.)

MODEL-2002 CURRENT NEW

	CHEV/GMC <u>K25903/HD</u>	DODGE BR2500 <u>BR7L62</u>	FORD <u>F-250SD</u>
G.V.W.R. 8,600 (lbs.), minimum	9,200	8,800	8,800
Wheelbase (inches)	131.5	134.7	137
Type & Size of Body:	Fleetside/ Wideside	Sweptline	Styleside
Engine: Gasoline	6000	5.9L	5.4L
Type & No. of Cylinders	V-8	V-8	V-8
Net H.P.-S.A.E.	300	245	235

Transmission: Automatic
with 2-speed transfer case and maximum capacity transmission oil cooler.
Factory installed.

Axle, Min. Cap.-lbs.			
Front	4,250	5,200	4,700
Rear	6,000	6,084	6,084

Springs, Min. Cap. at Ground			
Front-lbs. each	1,875	2,600	1,800
Rear-lbs. each	3,000	3,100	3,042

Tires, Truck, Tubeless, Radial, to meet G.V.W.R. Tread design shall be similar to Goodyear Wrangler AT, or Michelin XC-AT.

TO BE STANDARD FACTORY EQUIPPED INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:

Alternator-80 amp., min.
Battery-12 Volt, 600 CCA, min.
Brakes-Power.

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Bumper-Rear, step down type, Heaviest Avail. Towing Capacity, Mfg. Stnd.

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Fuel capacity-largest available from mfg.

Gauges-Temperature and ammeter or voltmeter.

Mirrors-Rear View, Inside. Outside R.H. and L.H., below eye level,
swing away type, 40 square inch minimum, Installed.

Skid Plate(s)

Spare tire and wheel. Full Size. Mfg. Std. mounting.

Steering-Power.

Tow hooks-front, frame mounted.

Wrench-wheel.

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Mich. Spec. # 3958-0093
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TRUCK: CAB AND CHASSIS (G.V.W.R. 10,000 lbs., min.)
(4 x 4)

MODEL-2002 CURRENT NEW

	DODGE BR3500 <u>BR8L63</u>	CHEV/GMC <u>CK36003</u>	FORD <u>F-350SD</u>
Wheelbase (inches)	138.7	135.5	141
Engine: Gasoline	5.9L	6.0L	5.4L
Type & No. of Cylinders	V-8	V-8	V-8
Net H.P.-S.A.E.	245	300	235

Transmission: Automatic:
with 2-speed transfer case and maximum capacity transmission oil cooler.
Factory installed.

Axle, Min. Cap.-lbs.			
Front	5,200	4,500	5,200
Rear	8,000	8,600	9,750

Springs, Min. Cap. at Ground			
Front-lbs., each	2,600	2,250	2,000
Rear-lbs., each	4,000	4,300	4,675

Tires, Truck, Tubeless, Radial, to meet G.V.W.R. Rear duals. Tread design for all tires shall be similar to Goodyear Wrangler AT, or Michelin XC-AT.

TO BE STANDARD FACTORY EQUIPPED INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:

Alternator-80 amp., min.
Battery 12 Volt; 600 CCA, minimum.
Brakes-Power.
Fuel capacity-largest available from mfg.

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Mirrors-Outside, R.H. and L.H., below eye level, extended reach, swing away
type, 51 square inch minimum, Installed.

Skid Plate(s).

Spare wheel.

Steering-Power.

Tow Hooks-front, frame mounted.

Wrench-wheel.

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Mich. Spec. # 3905-0094
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TRUCK: UTILITY VEHICLE, LARGE, 6-PASSENGER-4 x 4 WITH
PANEL REAR DOORS
(Payload-1,500 lbs., min.)

MODEL-2002 CURRENT NEW

	<u>FORD</u> <u>EXCURSION</u>	<u>CHEV/GMC</u> <u>SUBURBAN/YUKON XL</u>
G.V.W.R. (lbs.)	8,900	8,600
Wheelbase (inches)	137.1	130
Engine: Gasoline	5.4L	6000
Type & No. of Cylinders	V-8	V-8
Net H.P.-S.A.E.	260	300
Transmission: Automatic: w/2-speed Transfer Case and Auxiliary Oil Cooler		
Axle, min. Cap.-lbs.		
Front	5,200	3,800
Rear	7,000	6,000
Springs, Min. Cap. at Ground		
Front-lbs. each	1,900	1,900
Rear-lbs. each	2,620	3,000

Tires, Tubeless, P235/75R15. Tread design shall be similar to Goodyear Wrangler AT, or Michelin XC-AT.

TO BE STANDARD FACTORY EQUIPPED INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:

Alternator-80 amp., min.
Battery-12 Volt; 600 CCA, min.
Body-Finished interior (no exposed outside body sheet metal), full length headliner.
Brakes-Power.
Bumper-Rear, Mfg. Std.
Fuel tank-largest single tank available from mfg.
Hubs-automatic locking type.

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Mirrors-Rear View, Inside. Outside R.H. and L.H. below eye level, swing away type, 54 square in minimum, Installed.

Seats-Full bench front, with a full width forward facing rear seat.

Skid plates-Fuel tank and transfer case.

Spare tire and wheel. Full size. Mfg. Std. mounting.

Steering-Power.

Tow hooks-front, frame mounted.

Wrench-wheel.

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TRUCK: UTILITY VEHICLE, LARGE, 6-PASSENGER-4 x 4 WITH
PANEL REAR DOORS
(Payload-2,900 lbs., min.)

MODEL-2002 CURRENT NEW

	<u>FORD</u> <u>EXCURSION</u>	<u>CHEV/GMC</u> <u>SUBURBAN/YUKON XL</u>
G.V.W.R. 8,600 (lbs.), minimum	8,900	8,600
Wheelbase (inches)	137.1	130
Engine: Gasoline	5.4L	6000
Type & No. of Cylinders	V-8	V-8
Net H.P.-S.A.E.	260	300
Transmission: Automatic: w/2-speed transfer case and maximum capacity transmission oil cooler. Factory installed.		
Axle, Min. Cap.-lbs.		
Front	5,200	3,800
Rear	7,000	6,000
Springs, Min. Cap. at Ground		
Front-lbs. each	1,900	1,900
Rear-lbs. each	2,620	3,000

Tires, Truck, Tubeless, Radial, to meet G.V.W.R. Tread design shall be similar to Goodyear Wrangler AT, or Michelin XC-AT.

TO BE STANDARD FACTORY EQUIPPED INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:

Alternator-80 amp., min.

Battery 12 Volt; 600 CCA, min.

Body-Finished interior (no exposed outside body sheet metal), full length headliner.

Brakes-Power.

Bumper-Rear, Mfg. Std.

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Fuel capacity-largest available from mfg.

Hubs-automatic locking type.

Mirrors-Rear View, Inside. Outside R.H. and L.H. below eye level, swing away type,
54 square inch minimum, Installed.

Seats-Full bench front, with a full width forward facing rear seat.

Skid plates-Fuel tank and transfer case.

Spare tire and wheel.

Steering-Power.

Tow hooks-front, frame mounted.

Wrench-wheel.

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Mich. Spec. # 3958-0096
August, 2001

TRUCK: CAB AND CHASSIS (G.V.W.R. 25,950 lbs., min.) DIESEL ENGINE
(Body & Payload-Approx. 13,000 lbs.) (4 x 4)

MODEL-2002 CURRENT NEW

	INT'L	CHEV/GMC	FORD
	<u>4800</u>	<u>C7C042</u> <u>C7H042</u>	<u>F650</u>
Wheelbase (inches)	170	170	182
C.A. (inches)	102	102	108
Engine: Diesel	T444E	CAT3126	Cummins 5.9
Type & No. of Cylinders	8	6	6
Gross H.P., min.	175	190	175
Clutch: Heavy duty	14	14	14
Transmission: 5-speed syncro. with 2-speed transfer case P.T.O. opening both sides	TCC ES-56-5A TC38, FABCO	FS-4205A	FS-4205A
Front Wheel Lock-out Hubs.			
Axle, Min. Cap.-lbs.			
Front	9,000	8,100	9,000
Rear	17,500	19,000	17,500
Springs, Min. Cap. at Ground			
Front-lbs. each	4,500	4,500	4,500
Rear-lbs. each	9,250	9,500	8,750
Auxiliary	2,250	no rating	2,250

Tires, Truck, Tubeless, Radial, - 10R22.5F (12PR) Minimum. Rear duals. All tires to be Goodyear G159 Front and G124 or G164 RTD Rear or approved equal.

TO BE STANDARD FACTORY EQUIPPED INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:

Alternator-100 amp. min., Reference 22SI or approved equal

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Battery's-12 Volt; 1050 CCA, minimum.

Brakes-Full Air. Current FMVSS. Dust plates. Air dryer with spin on filter,
Automatic Drain Valves. Automatic slack adjusters, Anti-Lock.

Cab assist handles-right and left.

Fuel/Water Separator with Heater.

Fuel tanks-dual step, 50 gallon capacity each.

Heater-Engine block, 110/120 VAC

Hood, Tilt Type.

Mirrors-Rear View, Outside. L.H. and R.H. West Coast type. 6" x 16", with stainless steel or powder
coated steel heads, brackets, and hardware.

Running board-To have running boards on each side, or step tanks.

Spare wheel.

Starting Aid-Cold weather, ether type or glow plug.

Steering-Power.

Tachometer.

Throttle, Electronic, High Idle Engine RPM Control.

Tow Hooks-front, frame mounted

Wheels, Hub Pilot Disc Type

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Mich. Spec. # 3958-0097
August, 2001

TRUCK: CAB AND CHASSIS (G.V.W.R. 24,000 lbs., min.) GASOLINE ENGINE
(Body & Payload-Approx. 13,000 lbs.) (4 x 4)

MODEL-2002 CURRENT NEW

CHEV/GMC
C7H042/C7C042

Wheelbase (inches)	170
C.A. (inches)	102
Engine: Gasoline	8.1L
Type & No. of Cylinders	V-8
Net H.P.-S.A.E.	270
Clutch: Heavy duty	13
Transmission: 5-speed syncro. with 2-speed transfer case P.T.O. opening both sides	FS-4205B
Front Wheel Lock-out Hubs.	
Axle, Min. Cap.-lbs.	
Front, 7,500 minimum	8,000
Rear, 17,500 minimum	19,000

Springs, Min. Cap. at Ground	
Front-lbs. each	4,500
Rear-lbs. each	9,500
Auxiliary	no rating

Tires, Truck, Tubeless, Radial - 10R22.5 (12PR) Minimum. Rear duals. All tires to be Goodyear Traction Type or Mud and Snow or approved equal.

TO BE STANDARD FACTORY EQUIPPED INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:

Alternator-80 amp. min., Reference CS130 or approved equal

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Battery 12 Volt; 600 CCA, minimum.

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Brakes-Full air. Current FMVSS. Dust plates. Air dryer with spin on filter, Automatic Drain Valves.

Automatic slack adjusters, Anti-Lock

Cab assist handles-right and left.

Frame-80,000 PSI, RBM=1,378,300

Fuel tanks-Dual step, 35 gallon capacity each.

Hood, Tilt.

Mirror-Rear View, Outside. L.H. and R.H. West Coast type. 6" x 16", with stainless steel or powder coated steel heads,

brackets, and hardware.

Running board-To have running boards on each side, or step tanks.

Spare wheel.

Steering-Power.

Tachometer.

Throttle, Electronic, High Idle Engine RPM Control.

Tow Hooks-front, frame mounted.

Wheels, Hub Pilot Disc Type

Wrench-wheel.

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Mich. Spec. # 3958-0098
August, 2001

TRUCK: CAB AND CHASSIS

G.V.W.R. 12,500 lbs. min., (Payload 6,700 lb. min.), (4 x 4)

MODEL-2002 CURRENT NEW

	CHEV/GMC C4C042 or <u>K36003/ZW9</u>	FORD <u>F-350SD</u>
Wheelbase (inches)	137.0	141.0
C.A. (inches)	60	60
Engine: Diesel	6.6L	7.3L
Type & No. of Cylinders	V-8 Turbo	V-8 Turbo
Net H.P.-S.A.E.	300	250
Transmission: Automatic with Maximum capacity transmission oil cooler with P.T.O. Provision. Factory installed.		
Axle, Min. Cap.		
Front-lbs	4,670	4,850
Rear-lbs.	8,600	9,750
Springs, Min. Cap. at Ground		
Front-1,607 lbs. each	1,610	1,675
Rear-3,650 lbs. each	4,400	4,875
Including Aux.		

*SEE Mich. 3958-0074, Mich. 3958-0075, or Mich. 3958-0076 for body.

Tires, Truck, Tubeless, Radial, to meet G.V.W.R. Rear duals, mud and snow, All Terrain Type, tread design shall be similar to Goodyear Wrangler AT, or Michelin XC-AT.

TO BE STANDARD FACTORY EQUIPPED INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:

Alternator-80 amp., min.

Axle, rear-limited slip.

Battery-12 Volt, 600 CCA, minimum.

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Brakes-Power.

Fuel capacity-largest available from mfg.

Mirrors-Rear View, Inside. Outside R.H. and L.H., below eye level, extended reach, swing away type, 51 sq. in., minimum. Installed.

Spare tire and wheel. Mfg. Std. mounting.

Steering-Power.

Wrench-wheel.

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Mich. Spec. # 3958-0099
August, 2001

TRUCK: CAB AND CHASSIS
(Payload-6,675 lbs., min.)* (4 x 4)

MODEL-2002 CURRENT NEW

	FORD <u>F-350</u>	CHEV/GMC C4C042 or <u>K36403/ZW9</u>
G.V.W.R. (12,500 lbs. min.)	12,500	16,000
Wheelbase (inches)	165.0	152
C.A. (inches)	84	84
Engine: Diesel	7.3L	6600
Type & No. of Cylinders	V-8 Turbo	V-8
Net H.P.-S.A.E.	250	300
Transmission: Automatic with maximum capacity transmission oil cooler with P.T.O. Provision. Factory installed.		
Axle, Min. Cap.		
Front-lbs.	4,850	4,670
Rear-lbs.	9,750	8,600
Springs, Min. Cap. at Ground		
Front-lbs. each	1,900	2,150
Rear-lbs. each	4,500	4,300
including aux.		

*SEE Mich. 3958-0078 or Mich. 3958-0079 for body.

Tires, Truck, Tubeless, Radial, to meet G.V.W.R. Rear duals, mud and snow, All Terrain Type, tread design shall be similar to Goodyear Wrangler AT, or Michelin XC-AT.

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TO BE STANDARD FACTORY EQUIPPED INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:

Alternator-80 amp., min.

Axle, rear-limited slip.

Battery-12 Volt, 600 CCA, minimum.

Brakes-Power.

Fuel capacity-largest available from mfg.

Mirrors-Rear View, Inside. Outside R.H. and L.H., below eye level, extended reach, swing away type, 51 sq. in. minimum. Installed.

Spare tire and wheel. Mfg. Std. mounting.

Steering-Power

Wrench-wheel.

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Mich. Spec. # 3958-0100
August, 2001

TRUCK: CUT-AWAY VAN AND BODY
(G.V.W.R. 8,900 lbs., min.)*

MODEL-2002 CURRENT NEW

	CHEV/GMC <u>G31503/E23</u>	FORD <u>E-350</u>
Wheelbase (inches)	139 (10' & 12' Body)	138 (10' & 12' body)
Engine: Gasoline	Vortec 5.7L	5.4L
Type & No. of Cylinders	V-8	V-8
Net H.P.-S.A.E.	255	230
Transmission: Automatic		
Axle, Min. Cap.-lbs.		
Front	4,100	4,600
Rear	6,084	7,800
Springs, Min. Cap. at Ground		
Front-lbs. each	2,050	1,900
Rear-lbs. each	3,042	3,905
Tires, Truck, Tubeless, Radial, to meet G.V.W.R. Rear duals, Mud and Snow or All Season.		

*SEE Mich. #3958-0102 or 3958-0103 for body

TO BE STANDARD FACTORY EQUIPPED INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:

Alternator-80 amp., min.
Battery 12 Volt; 600 CCA, minimum.
Brakes-Power.
Front fender splash guards.
Fuel capacity-largest available from mfg.
Gauges-temperature, oil pressure, and amp meter or volt meter.

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Mirrors-Rear View, Inside. Outside R.H. and L.H. shall provide full Vision
past body installation. Mirrors shall be duplex head; 1 convex, 1 standard glass, with stainless steel
or powder coated steel heads, brackets, and hardware.

Seat-Passenger.

Spare wheel and tire.

Steering-Power.

Wrench-wheel.

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Mich. Spec. # 3958-0101
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TRUCK: CUT-AWAY VAN AND BODY
(G.V.W.R. 10,000 lbs., min.)*

MODEL-2002 CURRENT NEW

	CHEV/GMC <u>G31803/C7A</u>	or	CHEV/GMC <u>C4V042</u>	FORD <u>E-350</u>
Wheelbase (inches)	159 (14' & 15' body)		165.5	158 (14' & 15' body)
Engine: Gasoline	Vortec 5.7L		8.1L	5.4L
Type & No. of Cylinders	V-8		V-8	V-8
Net H.P.-S.A.E. J1349	255		225	230
Transmission: Automatic				
Axle, Min. Cap.-lbs.				
Front	4,100		6,000	4,600
Rear	7,500		11,000	7,800
Springs, Min. Cap. at Ground				
Front-lbs. each	2,050		3,000	1,770
Rear-lbs. each	3,750		5,500	3,905
Tires, Truck, Tubeless, Radial, to meet G.V.W.R. Rear duals, Mud and Snow or All Season.				

*SEE Mich. #3958-0102 or 3958-0103 for body

TO BE STANDARD FACTORY EQUIPPED INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:

Alternator-80 amp., min.
Battery 12 Volt; 600 CCA, minimum.
Brakes-Power.
Front fender splash guards.
Fuel capacity-largest available from mfg.
Gauges-temperature, oil pressure, and amp meter or volt meter.

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Mirrors-Rear View, Inside. Outside R.H. and L.H. shall provide full Vision
past body installation. Mirrors shall be duplex head; 1 convex, 1 standard glass, with stainless steel
or powder coated steel heads, brackets, and hardware.

Seat-Passenger.

Spare wheel and tire.

Steering-Power.

Wrench-wheel.

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Mich. Spec. #3958-0102
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BODY: CUT-AWAY ALUMINUM VAN-(Non-Insulated)
(Pre-Painted White)

Size - Nominal Length I.D. 10', 12', 14' or 15'. (Specify length)
Nominal Height I.D. 84"
Width Overall 96"

BASIC REQUIREMENTS:

Cargo Body Requirements-Aluminum side panels, prepainted frost white .040" skin riveted to extruded aluminum Vertical posts on 16" centers. All riveting shall be with solid rivets. Pop rivets not acceptable. Front Vertical corners are to be rounded with approximately 5 to 6" radius or extruded aluminum wall sections with integral interlocking uprights on 12" centers (aluminum shall be 100" thick 6063T).

Rear Door-All Galvanized steel rear door frame with 85" wide minimum opening.
Overhead type rear door with positive closing and lock ability. 2 windows for driver road Visibility. 1 1/4" dia. steel rollers.

Roof-One piece aluminum roof, .040" skin, supported and bonded to crowned aluminum roof bows.
Roof rails must provide for recessed clearance lamps with external wiring slot.

Floor-Under structure shall be full 3" steel channel crossills on 16" centers. Rectangular steel or .125" aluminum plate wheel boxes for low entry height. 2" T&G or ship lap dense pine flooring.

Lights-(Must meet all Federal and State codes) Clearance lamps to be recessed in roof rail with external wiring in protective slot.

Lining and Interior-1/2" plywood full height each side and at front. Furnish protective barrier behind driver and passenger with access to cab-no door required. There must be sufficient clearance between the Protective Barrier and the top of the back of the Hi-Back Seat, when the factory installed seat is in its rear most locked position. 1 row 'E' logistics track each side at 24" from floor to center of track, surface mount. Dome lamp with rear switch hot wired to battery. Switch shall be mounted near rear door.

Other-Back up alarm, electronic, 95 DBA.

Rear bumper and step-full width with rear chassis lights recessed in bumper.

Grab handles-1 each side.

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Mich. Spec. #3958-0103
August, 2001

BODY: CUT-AWAY F.R.P. VAN(Non-Insulated)
(White)

Size - Nominal Length I.D. 10', 12', 14' or 15'. (Specify length)
Nominal Height I.D. 84"
Width Overall 96"

BASIC REQUIREMENTS:

Cargo Body Requirements-1/2" F.R.P. gel coat panels, 0.100 thickness extruded aluminum top and bottom rail, white exterior. Front Vertical corners are to be rounded with approximately 5 to 6" radius or extruded aluminum wall sections with integral interlocking uprights on 12" centers (aluminum shall be 100" thick 6063T).

Rear Door-All Galvanized steel rear door frame with 85" wide minimum inside opening. Overhead type rear door with positive closing and lock ability. 2 windows for driver road Visibility. 1 1/4" dia. steel rollers.

Roof-One piece aluminum roof, .040" skin, supported and bonded to crowned aluminum roof bows. Roof rails must provide for recessed clearance lamps with external wiring slot.

Floor-Under structure shall be full 3" steel channel crossills on 16" centers. Rectangular steel or .125" aluminum plate wheel boxes for low entry height. 2" T&G or ship lap dense pine flooring.

Lights-(Must meet all Federal and State codes) Clearance lamps to be recessed in roof rail with external wiring in protective slot.

Furnish protective barrier behind driver and passenger with access to cab-no door required. There must be sufficient clearance between the Protective Barrier and the top of the back of the Hi-Back Seat, when the factory installed seat is in its rear most locked position. 1 row 'E' logistics track each side at 24" from floor to center of track, surface mount. Dome lamp with rear switch hot wired to battery. Switch shall be mounted near rear door.

Other-Back up alarm, electronic, 95 DBA.

Rear bumper and step-full width with rear chassis lights recessed in bumper.

Grab handles-1 each side.

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Mich. Spec. #3958-0104
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TRUCK: CUT-AWAY VAN AND BODY
(G.V.W.R. 12,000 lbs., min.)*

MODEL-2002 CURRENT NEW

	<u>CHEV/GMC G31803/C7L</u>	<u>CHEV/GMC C4V042</u>	<u>FORD ESD Cut-Away</u>
Wheel base (inches)	159 for (14' & 15' body)	165.5	158 for (14' & 15' body)
Engine: Gasoline	Vortec 5.7L	8.1L	514
Type & No. of Cylinders	V-8	V-8	V-8
Net H.P.-S.A.E.	255	225	230
Transmission: Automatic			
Axle, Min. Cap.-lbs.			
Front	4,300	6,000	4,600
Rear	8,600	11,000	9,450
Springs, Min. Cap. At Ground			
Front-lbs. Each	2,150	3,000	2,300
Rear-lbs. Each	4,300	5,500	4,725

Tires, Truck, Tubeless, Radial, to meet G.V.W.R. Rear duals, Mud and Snow or All Season.

*See Mich. SPEC. # 3958-0102 or 3958-0103 for body

TO BE STANDARD FACTORY EQUIPPED INCLUDING, BUT NOT LIMITED TO THE
FOLLOWING:

Alternator-80 amp., min.
Battery 12 Volt; 600 CCA, minimum
Brakes-Power
Front Fender splash guards
Fuel capacity-largest available from mfg.
Gauges-temperature, oil pressure, and amp meter or volt meter.

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Mirrors-Rear View, Inside. Outside R.H. and L.H. shall provide full Vision past body installation.

Mirror shall be duplex head; 1 convex, 1 standard glass, with stainless steel or powder coated steel heads, brackets, and hardware.

Seats-High Back, Driver and Passenger

Spare Wheel and Tire

Steering-Power

Wrench-Wheel

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Mich. Spec. # 3958-0110
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TRUCK: CAB AND CHASSIS
(G.V.W.R. 14,500 LBS., min.)

MODEL-2002 CURRENT NEW

	CHEVY/GMC	FORD
	3500 HD	
	C31003/C5B	
	<u>C4C042</u>	<u>F-450SD</u>
G.V.W.R. (lbs.)	15,000	15,000
Wheelbase (inches)	128	141
C.A. (inches)	60	60
Engine: Gasoline	8100	Triton
Type & No. of Cylinders	V-8	V-10
Net H.P.-S.A.E.	325	275
Transmission: Automatic: with maximum capacity transmission oil cooler, Factory installed.		
Axle, Min. Cap.-lbs.		
Front	5,000	5,400
Rear	11,000	11,000
Springs, Min. Cap. at Ground		
Front-lbs. each	2,500	2,500
Rear-lbs. each	5,500	5,500

Tires, Truck, Tubeless, Radial, to meet G.V.W.R. Rear duals, mud and snow.

TO BE STANDARD FACTORY EQUIPPED INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:

Alternator-95 amp., min.

Battery-12 Volt, 600 CCA, minimum.

Brakes-Power.

Fuel capacity-largest available from mfg.

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Mirrors-Rear View, Inside. Outside R.H. and L.H., below eye level, extended reach, swing away type, 51 sq. in., minimum. Installed, with stainless steel or powder coated steel heads, brackets, and hardware.

Spare tire and wheel.

Steering-Power.

Throttle, Electronic, High Idle Engine RPM Control.

Wrench-wheel.

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Mich. Spec. # 3958-0111
August, 2001

TRUCK: CAB AND CHASSIS
(G.V.W.R. 14,500 LBS., min.)

MODEL-2002 CURRENT NEW

	CHEVY/GMC	
	3500 HD	
	C31003/C5B	FORD
	<u>C4C042</u>	<u>F-450SD</u>
G.V.W.R. (lbs.)	15,000	15,000
Wheelbase (inches)	128	141
C.A. (inches)	60	60
Engine: Diesel	6.5L	7.3L
Type & No. of Cylinders	V-8	V-8 Turbo
Net H.P.-S.A.E.	195	250
Transmission: Automatic: with maximum capacity transmission oil cooler, Factory installed.		
Axle, Min. Cap.-lbs.		
Front	5,000	5,400
Rear	11,000	11,000
Springs, Min. Cap. at Ground		
Front-lbs. each	2,500	2,500
Rear-lbs. each	5,500	5,500

Tires, Truck, Tubeless, Radial, to meet G.V.W.R. Rear duals, mud and snow.

TO BE STANDARD FACTORY EQUIPPED INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:

Alternator-95 amp., min.

Battery-12 Volt, 600 CCA, minimum.

Brakes-Power.

Fuel capacity-largest available from mfg.

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Mirrors-Rear View, Inside. Outside R.H. and L.H., below eye level, extended reach, swing away type, 51 sq. in., minimum. Installed, with stainless steel or powder coated steel heads, brackets, and hardware.

Spare tire and wheel.

Steering-Power.

Throttle, Electronic, High Idle Engine RPM Control.

Wrench-wheel.

READ PAGES B-B1.

**STATE OF MICHIGAN
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Mich. Spec. # 3958-0112
August, 2001

TRUCK: CAB AND CHASSIS
(G.V.W.R. 14,500 LBS., min.) (4 x 4)

MODEL-2002 CURRENT NEW

	CHEVY/GMC	FORD
	3500 HD	
	<u>C4C042</u>	<u>F-450SD</u>
G.V.W.R. (lbs.)	15,000	15,000
Wheelbase (inches)	128	141
C.A. (inches)	60	60
Engine: Gasoline	8100	Triton
Type & No. of Cylinders	V-8	V-10
Net H.P.-S.A.E.	325	275
Transmission: Automatic: with maximum capacity transmission oil cooler, Factory installed.		
Axle, Min. Cap.-lbs.		
Front	5,000	5,400
Rear	11,000	11,000
Springs, Min. Cap. at Ground		
Front-lbs. each	2,500	2,500
Rear-lbs. each	5,500	5,500

Tires, Truck, Tubeless, Radial, to meet G.V.W.R. Rear duals, mud and snow.

TO BE STANDARD FACTORY EQUIPPED INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:

Alternator-95 amp., min.
Battery-12 Volt, 600 CCA, minimum.
Brakes-Power.
Fuel capacity-largest available from mfg.

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Mirrors-Rear View, Inside. Outside R.H. and L.H., below eye level, extended reach, swing away type, 51 sq. in., minimum. Installed, with stainless steel or powder coated steel heads, brackets, and hardware.

Spare tire and wheel.

Steering-Power.

Throttle, Electronic, High Idle Engine RPM Control.

Wrench-wheel.

READ PAGES B-B1.

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Mich. Spec. # 3958-0113
August, 2001

TRUCK: CAB AND CHASSIS
(G.V.W.R. 14,500 LBS., min.) (4 x 4)

MODEL-2002 CURRENT NEW

	CHEVY/GMC	FORD
	3500 HD	
	<u>C4C042</u>	<u>F-450SD</u>
G.V.W.R. (lbs.)	15,000	15,000
Wheelbase (inches)	128	141
C.A. (inches)	60	60
Engine: Diesel	6.5L	7.3L
Type & No. of Cylinders	V-8	V-8 Turbo
Net H.P.-S.A.E.	195	250
Transmission: Automatic: with maximum capacity transmission oil cooler, Factory installed.		
Axle, Min. Cap.-lbs.		
Front	5,000	5,400
Rear	11,000	11,000
Springs, Min. Cap. at Ground		
Front-lbs. each	2,500	2,500
Rear-lbs. each	5,500	5,500

Tires, Truck, Tubeless, Radial, to meet G.V.W.R. Rear duals, mud and snow.

TO BE STANDARD FACTORY EQUIPPED INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:

Alternator-95 amp., min.
Battery-12 Volt, 600 CCA, minimum.
Brakes-Power.
Fuel capacity-largest available from mfg.

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Mirrors-Rear View, Inside. Outside R.H. and L.H., below eye level, extended reach, swing away type, 51 sq. in., minimum. Installed, with stainless steel or powder coated steel heads, brackets, and hardware.

Spare tire and wheel.

Steering-Power.

Throttle, Electronic, High Idle Engine RPM Control.

Wrench-wheel.

READ PAGES B-B1.

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Mich. Spec. # 3958-0114
August, 2001

TRUCK: CAB AND CHASSIS
(G.V.W.R. 15,000 LBS., min.)

MODEL-2002 CURRENT NEW

	CHEV/GMC	
	3500 HD	
	C31403/C5B	FORD
	<u>C4C042</u>	<u>F-450SD</u>
G.V.W.R. (lbs.)	15,000	15,000
Wheelbase (inches)	152	165
C.A. (inches)	84	84
Engine: Gasoline	8100	Triton
Type & No. of Cylinders	V-8	V-10
Net H.P.-S.A.E.	325	275

Transmission: Automatic:
with maximum capacity transmission oil cooler. Factory installed.

Axle, Min. Cap.-lbs.		
Front	5,000	5,400
Rear	11,000	11,000

Springs, Min. Cap. at Ground		
Front-lbs. each	2,500	2,500
Rear-lbs. each	5,500	5,500

Tires, Truck, Tubeless, Radial, to meet G.V.W.R. Rear duals, mud and snow.

TO BE STANDARD FACTORY EQUIPPED INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:

Air Conditioning-Factory Installed
Alternator-80 amp., min.
Battery-12 Volt, 600 CCA, minimum.
Brakes-Power.
Fuel Capacity -largest available from mfg.

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Mirrors-Rear View, Inside. Outside R.H. and L.H., below eye level, extended reach, swing away type, 51 sq. in., minimum. Installed, with stainless steel or powder coated steel heads, brackets, and hardware.

Spare tire and wheel.

Steering-Power.

Throttle, Electronic, High Idle Engine RPM Control.

Wrench-wheel.

READ PAGES B-B1.

**STATE OF MICHIGAN
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Mich. Spec. # 3958-0115
August, 2001

TRUCK: CAB AND CHASSIS
(G.V.W.R. 15,000 LBS., min.)

MODEL-2002 CURRENT NEW

	CHEV/GMC 3500 HD C31403/C5B <u>C4C042</u>	FORD <u>F-450SD</u>
G.V.W.R. (lbs.)	15,000	15,000
Wheelbase (inches)	152	165
C.A. (inches)	84	84
Engine: Diesel	6.5L	7.3L
Type & No. of Cylinders	V-8	V-8 Turbo
Net H.P.-S.A.E.	195	250

Transmission: Automatic:
with maximum capacity transmission oil cooler. Factory installed.

Axle, Min. Cap.-lbs.		
Front	5,000	5,400
Rear	11,000	11,000

Springs, Min. Cap. at Ground		
Front-lbs. each	2,500	2,500
Rear-lbs. each	5,500	5,500

Tires, Truck, Tubeless, Radial, to meet G.V.W.R. Rear duals, mud and snow.

TO BE STANDARD FACTORY EQUIPPED INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:

Air Conditioning-Factory Installed
Alternator-80 amp., min.
Battery-12 Volt, 600 CCA, minimum.
Brakes-Power.
Fuel Capacity -largest available from mfg.

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Mirrors-Rear View, Inside. Outside R.H. and L.H., below eye level, extended reach, swing away type, 51 sq. in., minimum. Installed, with stainless steel or powder coated steel heads, brackets, and hardware.

Spare tire and wheel.

Steering-Power.

Throttle, Electronic, High Idle Engine RPM Control.

Wrench-wheel.

READ PAGES B-B1.

**STATE OF MICHIGAN
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Mich. Spec. # 3958-0116
August, 2001

TRUCK: CAB AND CHASSIS
(G.V.W.R. 15,000 LBS., min.) (4 x 4)

MODEL-2002 CURRENT NEW

	CHEV/GMC 3500 HD <u>C4C042</u>	FORD <u>F-450SD</u>
G.V.W.R. (lbs.)	15,000	15,000
Wheelbase (inches)	152	165
C.A. (inches)	84	84
Engine: Gasoline	8100	Triton
Type & No. of Cylinders	V-8	V-10
Net H.P.-S.A.E.	325	275

Transmission: Automatic:
with maximum capacity transmission oil cooler with P.T.O. Provision. Factory installed.

Axle, Min. Cap.-lbs.		
Front	5,000	5,400
Rear	11,000	11,000
Springs, Min. Cap. at Ground		
Front-lbs. each	2,500	2,500
Rear-lbs. each	5,500	5,500

Tires, Truck, Tubeless, Radial, to meet G.V.W.R. Rear duals, mud and snow.

TO BE STANDARD FACTORY EQUIPPED INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:

Air Conditioning-Factory Installed
Alternator-80 amp., min.
Battery-12 Volt, 600 CCA, minimum.
Brakes-Power.
Fuel Capacity -largest available from mfg.

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Mirrors-Rear View, Inside. Outside R.H. and L.H., below eye level, extended reach, swing away type, 51 sq. in., minimum. Installed, with stainless steel or powder coated steel heads, brackets, and hardware.

Spare tire and wheel.

Steering-Power.

Throttle, Electronic, High Idle Engine RPM Control.

Wrench-wheel.

READ PAGES B-B1.

**STATE OF MICHIGAN
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Mich. Spec. # 3958-0117
August, 2001

TRUCK: CAB AND CHASSIS
(G.V.W.R. 15,000 LBS., min.) (4 x 4)

MODEL-2002 CURRENT NEW

	CHEV/GMC 3500 HD <u>C4C042</u>	FORD <u>F-450SD</u>
G.V.W.R. (lbs.)	15,000	15,000
Wheelbase (inches)	152	165
C.A. (inches)	84	84
Engine: Diesel	6.5L	7.3L
Type & No. of Cylinders	V-8	V-8 Turbo
Net H.P.-S.A.E.	195	250

Transmission: Automatic:
with maximum capacity transmission oil cooler with P.T.O. Provision. Factory installed.

Axle, Min. Cap.-lbs.		
Front	5,000	5,400
Rear	11,000	11,000

Springs, Min. Cap. at Ground		
Front-lbs. each	2,500	2,500
Rear-lbs. each	5,500	5,500

Tires, Truck, Tubeless, Radial, to meet G.V.W.R. Rear duals, mud and snow.

TO BE STANDARD FACTORY EQUIPPED INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:

Air Conditioning-Factory Installed
Alternator-80 amp., min.
Battery-12 Volt, 600 CCA, minimum.
Brakes-Power.
Fuel Capacity -largest available from mfg.

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Mirrors-Rear View, Inside. Outside R.H. and L.H., below eye level, extended reach, swing away type, 51 sq. in., minimum. Installed, with stainless steel or powder coated steel heads, brackets, and hardware.

Spare tire and wheel.

Steering-Power.

Throttle, Electronic, High Idle Engine RPM Control.

Wrench-wheel.

READ PAGES B-B1.

**STATE OF MICHIGAN
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Mich. Spec. #3958-0130
August, 2001

TRUCK: CAB AND CHASSIS (G.V.W.R. 21,000 lbs., min.)

MODEL-2002 CURRENT NEW

	STERLING ACTERRA <u>M6500</u>	FORD <u>650</u>	INT'L <u>4700/4200</u>	CHEV/GMC <u>C6H042/C6C042</u>
Wheelbase (inches)	128	129	134	128
C.A. (inches)	60	60	60	60
Engine: Diesel	Mercedes	Cummins 5.9	T444E Diesel	Cat. 3126B
Type & No. of Cylinders	I-6	I-6	V-8	V-8 or I-6
Net H.P.-S.A.E.	190	175	175 Gross	190
Transmission: 4-speed Allison				
Auto. AT545, or MD, 1000, 2000				
Axle, Min. Cap.-lbs.				
Front, 7,000 minimum	8,000	9,000	8,000	8,000
Rear, 17,500 minimum	17,500	17,500	17,500	17,850
Ratio for minimum loaded road speed of approx. 68 mph				
Springs, Min. Cap. at Ground				
Front-lbs. each	4,000**	3,500**	4,000**	4,000**
Rear- lbs. each	8,750**	8,750**	8,750**	9,500**
**includes shock absorbers				

Tires, Truck, Tubeless, Radial, 9R22.5F (12PR) Minimum. Front to be Highway Tread, Rear duals-Traction Drive Tread, Goodyear Unisteel G-12, G-164 RTD or approved equal. Same Mfg. Front and Rear.

TO BE STANDARD FACTORY EQUIPPED INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:

Alternator-100 amp. min., Reference 22SI or approved equal
Battery(s)-12 Volt, 1,100 CCA, Min.

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Brakes-Power. Current FMVSS.
Cab assist handle-right and left.

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Fuel tank - 50 gallon each, minimum, L.H. and R.H. Step Tanks.

Hood, Tilt.

Mirrors - Rear View, Outside. L.H. and R.H. West Coast Type. 6" x 16". Installed, with stainless steel
or powder coated steel heads, brackets, and hardware.

Shock Absorbers, Front and Rear

Steering - Power.

Tachometer.

Throttle, Electronic, High Idle Engine RPM Control.

Wheels, Hub Pilot Disc Type

READ PAGES B-B1.

**STATE OF MICHIGAN
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Mich. Spec. #3958-0134
August, 2001

TRUCK: CAB AND CHASSIS (G.V.W.R. 21,000 lbs., min.)*

MODEL-2002 CURRENT NEW

	STERLING ACTERRA <u>M6500</u>	FORD <u>F650</u>	INT'L <u>4700/4200</u>	CHEV./GMC <u>C6H042</u>
Wheelbase (inches)	152	158	152	152
C.A. (inches)	84	84	84	84
Engine: Diesel	Mercedes	Cummins 5.9	T444E Diesel	Cat. 3126B
Type & No. of Cylinders	I-6	I-6	V-8	V-8 or I-6
Net H.P.-S.A.E.	190	175	175 Gross	190

Transmission: 4-speed
Allison Auto. AT-545, World, or 2000 Series

Axle, Min. Cap-lbs.				
Front, 7,000 minimum	8,000	9,000	8,000	8,000
Rear, 17,500 minimum	17,500	17,500	17,500	17,850

Ratio for minimum
loaded road speed of
approx. 68 mph

Springs, Min. Cap. at Ground				
Front- lbs. each	4,000**	4,500**	4,000**	4,000**
Rear- lbs. each	8,750**	8,750**	8,750**	9,500**

**includes shock absorbers

*SEE Mich. 3958-0137 or 3958-0141 for body.

Tires, Truck, Tubeless, Radial, 9R22.5F (12PR) Minimum. Front to be Highway Tread, Rear duals-Traction Drive Tread, Goodyear Unisteel G-124, G-164 RTD or approved equal. Same Mfg. Front and Rear.

TO BE STANDARD FACTORY EQUIPPED INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:

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Air Conditioning-Factory Installed

Alternator-100 amp. min., Reference 22SI or approved equal

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Battery(s)- 12 Volt, 1,100 CCA minimum.

Brakes-Power. Current FMVSS.

Cab assist handles-right and left.

Fuel Tank-50 gallon each, minimum, L.H. and R.H. Step Tanks.

Hood, Tilt.

Mirrors-Rear View, Outside. L.H. and R.H. West Coast type, 6" x 16", installed, with stainless steel or powder coated steel heads, brackets, and hardware.

Shock Absorbers, Front and Rear

Steering-Power.

Tachometer.

Throttle, Electronic, High Idle Engine RPM Control.

Wheels, Hub Pilot Disc Type

READ PAGES B-B1.

**STATE OF MICHIGAN
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Mich. Spec. #3958-0136
August, 2001

TRUCK: CAB AND CHASSIS (G.V.W.R. 23,500 lbs., min.)*

MODEL-2002 CURRENT NEW

	STERLING ACTERRA <u>M6500</u>	FORD <u>F800/650</u>	INT'L <u>4700/4200</u>	CHEVY/GMC <u>C6H042/C6C042</u>
Wheelbase (inches)	152	158	152	152
C.A. (inches)	84	84	84	84
Engine: Diesel, Type	Mercedes	Cummins	T444E	CAT3126
Size	6.4L	5.9L	7.27L	7.2L
No. of Cylinders	6	6	V-8	6
Gross H.P., 170 min.	190	175	175	190
Torque	520	420	430	420

Transmission: 4-speed
Allison Auto. AT-545, World, or 2000 Series

Axle, Min. Cap.-lbs.				
Front, 7,000 minimum	8,000	9,000	8,000	8,000
Rear, 17,500 minimum	17,500	17,500	17,500	17,850

Ratio for minimum
loaded road speed of
approx. 68 mph.

Springs, Min. Cap. at Ground				
Front-lbs. each	4,000**	4,250**	4,000**	4,050**
Rear-lbs. each	8,750**	8,750**	8,750**	9,500**
Aux.-lbs. each	2,250	2,250	2,250	no rating

**includes shock absorbers

*SEE Mich. 3958-0137 or 3958-0141 for body.

Tires, Truck, Tubeless, Radial, 9R22.5F (12PR) Minimum. Front to be Highway Tread, Rear duals-Traction Drive Tread, Goodyear Unisteel G-124, G-164 RTD or approved equal. Same Mfg. - Front and Rear.

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TO BE STANDARD FACTORY EQUIPPED INCLUDING, BUT NOT LIMITED TO, THE
FOLLOWING:

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Alternator-100 amp. min., Reference 22SI or approved equal

Battery(s)-12 Volt; 1,100 CCA minimum.

Brakes-Full air. Current FMVSS. Dust plates. Air dryer with spin on filter, Automatic Drain Valves.

Automatic slack adjusters.

Cab assist handles-right and left.

Fuel/Water Separator with Heater.

Fuel Tanks-50 gallon each L.H. and R.H. Step tanks.

Heater-engine block, 110/120 VAC

Hood, Tilt.

Mirrors, Rear View-Outside. L.H. & R.H. West Coast Type. 6" x 16", installed, with stainless steel or powder coated steel heads, brackets, and hardware.

Shock absorbers-Front and Rear, double acting, telescopic.

Starting Aid-Cold weather, ether type or glow plug.

Steering-Power.

Tachometer.

Throttle, Electronic, High Idle Engine RPM Control.

Wheels-Hub Piloted disc.

READ PAGES B-B1.

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Mich. Spec. # 3958-0137
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12 FT. STAKE BODY

Type & Size of Body: Approx. 12 Ft. Stake.
Platform to be of non-skid tread plate, 1/8" minimum.
Stake pockets to of 12 gauge steel. Complete with removable racks
(approx. 42 in. high) front, rear and sides. Steel slats, 14 ga. (min.)

Steel rub-rail. Longitudinal sill, 6" (min.) structural steel channels.
Crossmembers, 3" min. structural channel or 3" Jr. I beam (min.). on 12"
centers.

Body to be: Omaha
 Knapheide
 Midwest
 Park Hurst
 Supreme
 or approved equal.

Mounting-Shall include 3 U-bolts per side, plus 2 shear straps (1 ea. side), minimum of 3/8" x 2-1/2", welded to body long sills and bolted to frame.

Filler Strips-Hardwood (rough sawn green oak or beech) or metal filler strips, one piece, full length, contoured to frame shall be installed between body sub-frame and truck frame on all body installations. Discontinuous filler strips acceptable on cab & chassis with humped frame rails. Body Mfg., recommended Std.

Back up Alarm-Electronic type, moisture resistant, approx. 95 dba sound level.

Mud Flaps-Plain, Anti Sail Type, including Anti-Sail Hardware. (No advertising either side.)

Color-To be same as Cab and Chassis. Stake rack to match chassis, platform shall be black.

Rear Bumper-I.C.C. type; delete if power tail gate is specified.

Lights-To be equipped with all clearance lamps and/or reflectors necessary to conform with laws of the State of Michigan.

Body Vendor to install body, mud flaps, side, front and rear clearance lamps, all reflectors, and relocate rear turn signals, if necessary.

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All items removed from cab and chassis by body installer (frame ends, fuel tanks, etc.) remain the property of the State of Michigan and are to be returned with truck.

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Mich. Spec. # 3958-0141
August, 2001

12 FT. STAKE BODY AND HYDRAULIC HOIST

Type & Size of Body: Approx. 12 Ft. Stake.
Structural steel long sills, 6" (min.). Platform to be non-skid tread plate, 1/8" min. Stake pockets are to be of 12 gauge steel. Complete with removable racks; front, rear, and sides, steel slats, 14 ga. (min.). Racks to be approximately 42 inches in height. Crossmembers, 3" (min.) structural channel or 3" jr. I beam (min.) on 12" centers.

Body to be: Knapheide
 Omaha
 Midwest
 Park Hurst
 Supreme
 or approved equal.

Hoist N.T.E.A. Class D, double acting. Hot shift P.T.O. with overspeed control device and direct drive mount pump Muncie or Chelsea. To include manually operated control valve, in cab control to be sealed cable lever type with protective bonnet, spring return to neutral and in dash P.T.O. engaged light. System pressure shall be compatible with hoist to allow lifting of fully loaded body. 25 micron filtration with full flow ball valves between reservoir and pump and reservoir and filter.

Back up alarm-Electronic type, moisture resistant, approx. 95 dba sound level.

Shall be equipped with a blocking device permanently attached, capable of being locked in position to prevent inadvertent lowering of body during maintenance or inspection work.

Filler Strips-Hardwood (rough sawn green oak or beech) or metal filler strips, one piece, full length, contoured to frame shall be installed between body sub-frame and truck frame on all body installations. Discontinuous filler strips acceptable on cab & chassis with humped frame rails. Body Mfg., recommended Std.

Mud Flaps-Plain, Anti Sail Type, including Anti-Sail Hardware. (No advertising either side.)

Color-To be same as cab and chassis. Stake rack to match chassis, platform shall be black.

Lights-To be equipped with all clearance lamps and/or reflectors necessary to conform with laws of the State of Michigan.

Body Vendor to install body and hoist, mud flaps, side, front and rear clearance lamps, all reflectors, and relocate rear turn signals, if necessary.

**STATE OF MICHIGAN
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All items removed from cab and chassis by body installer (frame ends, fuel tanks, etc.) remain the property of the State of Michigan and are to be returned with truck.

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Mich. Spec. # 3958-0150
August, 2001

TRUCK: CAB AND CHASSIS (G.V.W.R. 32,000 lbs., min.)*

MODEL-2002 CURRENT NEW

	STERLING ACTERRA <u>M7500</u>	FORD <u>F750</u>	INT'L <u>4700/4200</u>	CHEV/GMC <u>C7H042/C7C042</u>
Wheelbase (inches)	228	230	224	224
C.A. (inches) 155 minimum	160	156	156	156
Engine: Diesel, Type	Mercedes	Cummins	T444E	CAT3126E
Size	6.4L	5.9L	7.2L	7.2L
No. of Cylinders	6	6	6	6
Gross HP-210 min.	210	215	230	210
Torque:	605/1200	605/1600	605/1500	605/1440
Clutch- 14 in. min.	14	14	14	14
Transmission: Manual, 5-6 speed synchro. P.T.O. openings both sides			Spicer ES62-5A or FS6406-N	FS6305A or FS6305B
Axle, Min. Cap.-lbs.				
Front	12,000	12,000	12,000	11,000
Rear	21,000	21,000	21,000	21,000
2-Speed				
Ratio for minimum loaded road speed of approx. 68 mph				
Springs, Min. Cap. at Ground				
Front-lbs. each	6,000	6,000	6,000	6,000
Rear-lbs. each	11,500	11,550	11,500	11,500
Aux. for off road load stabilization.	2,250	2,250	2,250	no rating

*SEE Mich. SPEC. #3958-0151 for body.

Tires, Truck, Tubeless, Radial, 11R22.5G (14PR) minimum. Rear duals; Goodyear G-124, or G-164 RTD. Front-Goodyear G-159.

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TO BE STANDARD FACTORY EQUIPPED INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:

Alternator-100 amp. min., Reference 22SI or approved equal
Battery(s)-12 Volt; 1500 CCA total.
Brakes-Full air. Current FMVSS. Dust plates. Air dryer with spin on filter, Automatic Drain Valves.
Automatic slack adjusters.
Cab grab handles-right and left.
Frame-Resisting bending moment 1,378,000 in-lbs., minimum.
Fuel/Water Separator with Heater.
Fuel Tanks-35 gallon each L.H. & R.H. step tanks. Minimum road clearance of
13" when fully loaded.
Heater-Engine block, 110/120 VAC
Hood-tilt type.
I.C.C. clearance and marker lamps: 2 corner lights front, 3 center lights front.
Mirrors-Rear View, Outside. L.H. & R.H. West Coast type, 6" x 16", with
fold back brackets. Installed, with stainless steel or powder coated steel heads, brackets, and
hardware.
Seats-Driver, air suspension, high back. Passenger-non-suspension, 2 person.
Spare tire and wheel. To match rear.
Starting Aid-Cold weather, ether type or glow plug.
Steering-Power.
Tachometer
Throttle, Electronic, High Idle Engine RPM Control.
Tow Hooks-front, frame mounted.
Wheels-Hub Piloted disc.

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20'-6" ROLLBACK RAMP BODY AND HOIST
(Floor Mounted Controls)

Type & Size of Body: 20'-6" Roll-Back Platform with heavy duty hydraulic rollback ramp hoist and drum winch.

Hoist- Hoist longbeams, double 6" 10.5 lbs. channel, minimum; to be reinforced top and bottom with 3/8" x 3-1/2" flat reinforcing. Sub-frame of lifting cradle 3/8" x 3-1/2" x 5"-36" long.

Rollback-Roller frame. Basic frame-1/4" x 3" x 6" structural rectangular tubing reinforced at hinge pin location. Rollers-Bronze bushed 5-1/2" cast iron- 16 rollers, minimum. Lift cylinders-(2)-5" double acting cylinders. Rollback cylinders (1)-4" Double acting cylinder. Lift cylinders shall give 12 1/2° loading angle and 37" frame height.

Platform- 20'-6" length; 2" x 6" tongue and groove, treated, hardwood or southern yellow pine; Rub rail-6-1/8" deep formed 10 gauge. Open rail outer band-5/16" x 5-1/2" flat. Stake pockets-1-3/4" x 3" x 5-1/2" on 12" center both sides.

Cross members-4-3/16" deep 7 gauge formed Z type spaced 12" on center (Z channels shall be without flanges).

Platform to be designed with reinforced crossmembers and longbeam gussets to support a concentrated load of 14,000 lbs. in 69", length of crawler tread. Must provide adequate clearance between tires and platform (FOR OFF ROAD USE) with a 14,000 lb. load. Rear axle load will not exceed 18,000 lbs.

Power take off-Chelsea or approved equal.

Mud Flaps-Plain, Anti Sail Type, including Anti-Sail Hardware. (No advertising either side.)

Pump-Minimum 22 gpm at 1,000 RPM operating pressure-1800 PSI, Transmission PTO
Direct Mount.

Hose-Pressure Hose-1/2' ID two wire braid (S.A.E. 100R2) or equivalent. Suction Hose and-ID return hoses 1 1/4" (S.A.E.100R4) or equivalent. 25 micron filtration with full flow ball valves between reservoir and pump and reservoir and filter.

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Color-To be same as cab and chassis.

Valves-Gresen 4-way control self-centering.

Approach Plate-Industrial Full Taper Hydraulic Folddown, 1/4" floor plate, combination bumper and approach plate. Hinge pin shall be 1", min.

Back-Up Alarm-Electronic, moisture resistant, approx. 95 dba sound level.

Cab Protector-24" high 10 gauge cab protector with wrap around ends and 18" open type extension. Must meet Safety Requirements of Bureau of Motor Carriers, Section 393.85 (E) Front End Structure.

Racks-42" stake racks for sides and rear. Minimum four sections per side.
Automatic Snap lock each section.

Lights-To be equipped with all clearance lamps and/or reflectors necessary to conform with laws of the State of Michigan, and FMVSS 108. Tail lights must be visible when body is tilted in loading position as well as when in traveling position. Rear lights (2) #621 Signal Stat, bed control #420 Signal Stat with #102 Signal Stat dash switch. Emergency alternating headlights flasher Federal FHL-25C.

Switch panel (control box) Federal Style 600 Part No. 306191-1 with six (6) lighted, fused switches. Power to panel to be run through ignition relay. Panel to be dash mounted, convenient to driver with switches labeled as follows: P.T.O., Beacon, Worklights, Wig-Wag, Aux., Aux. The Federal FHL-25C alternating Halogen Headlight Flasher to be wired to Wig-Wag switch on switch panel.

Truck light sealed light system on all rear approach plate lights and sealed I.C.C. light harness. All wiring shall be in conduit.

Body Vendor to install body, mud flaps, side, front and rear clearance lamps, all reflectors, and relocate rear turn signals, if necessary. Body to be-Schwartz Power Rollback or approved equal.

Winch; Drum type, Tulsa 12LL or approved alternate

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Capacity-11,000 lb. minimum line pull on first wrap

Cable-50 ft. of 1/2" cable and tail chain with 1 grab hooks and 1 equipment hook.

Winch to be guarded and provide free spool. Cable travel shall be a minimum of 11' per minute with approx. 16 gpm hydraulic oil flow; winch shall be guarded and provide free spool. Winch shall be furnished with electric remote operation with 75' of cord and pendant controller. Remote winch control unit to be mounted on cab protection guard.

Color-To be same as Cab and Chassis

Storage Compartment-roadside, frame attached.

Body to be Schwartz Power Rollback or approved alternate.

All items removed from cab and chassis by body installer (frame ends, fuel tanks, etc.) remain the property of the State of Michigan and are to be returned with truck.

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Mich. Spec. # 3958-0157
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TRUCK: CAB AND CHASSIS (G.V.W.R. 27,000 lbs., min.)*

MODEL-2002 CURRENT NEW

	<u>STERLING L7501</u>	<u>FORD F-750</u>	<u>INT'L 4700/4200</u>	<u>CHEV/GMC C7H042/C6C042</u>
Wheelbase (inches)	177	182	170	170
C.A. (inches)	108	108	102	102
Engine: Diesel, Type	CAT3126	Cummins	T444E	CAT3126E
Size	7.2L	5.9L	7.27L	7.2L
No. of Cylinders	6	6	V-8	6
Gross H.P.-210 Min.	210	215	230	210
Torque:	605/1440	605/1600	620/1400	605/1440
Transmission: Automatic				
Allison, 6 spd., W/Single Speed Rear, with 2 PTO's, MD-3060P, or World				
Axle, Min. Cap.-lbs.				
Front	8,000	9,000	9,000	8,000
Rear 2-Speed	19,000	19,000	19,000	19,000
Ratio for minimum loaded road speed of approx. 68 mph				
Springs, Min. Cap. at Ground				
Front-lbs. each	4,500	4,500	4,500	4,050
Rear-lbs. each	10,500	10,500	10,000	10,500
Aux.-lbs. each	2,250	2,250	2,250	no rating

*SEE Mich. 3958-0158 for body.

Tires, Truck, Tubeless, Radial, 11R22.5G (14PR) Minimum. Front to be Highway Tread, Rear duals-Traction Drive Tread, Goodyear Unisteel G-124, G-164 RTD or approved equal. Same Mfg. - Front and Rear.

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TO BE STANDARD FACTORY EQUIPPED INCLUDING, BUT NOT LIMITED TO, THE
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Alternator-100 amp. min., Reference 22SI or approved equal

Battery(s)-12 Volt, 1500 CCA, min.

Brakes-Full air. Current FMVSS. Dust plates. Air dryer with spin on filter, Automatic Drain Valves.
Automatic slack adjusters.

Bumper, Front-8" x 2-1/2" x 1/4" channel type (straight) sharp corners to be ground smooth.

Cab Assist Handles-Right and Left.

Cab-to-end of Frame: Proper length to accommodate an approx. 10' dump box
mounted 18" back of cab. The 18" space between cab and box is for fuel tank mounting.

Crankshaft-Shall be drilled and tapped for a Spicer drive line w/opening
under radiator for drive line.

Dome light in cab.

Exhaust-vertical installation.

Frame shall extend 10" in front of grill, Bolt on acceptable.

Frame-Full length channel type. Resisting bending moment 900,000 in-lbs., min.

Fuel/Water Separator with Heater.

Fuel Tank, Temporary, Acceptable

Gauges-Ammeter, oil pressure gauge and temperature gauge. Audible alarm to
activate when engine oil pressure falls below safe operating limit or when
water temperature exceeds safe operating limit.

Heater-Engine block, 110/120 VAC

Hood, Tilt- with Stationary Grille

Horns-Dual air.

Lights, Rear-Mounted above frame and adequately protected.

Locks, Cab Doors.

Mirrors-Rear View-Outside. L.H. & R.H. West Coast type, 6" x 16",
installed, with stainless steel or powder coated steel heads, brackets, and hardware.

Radiator-Heavy duty, petcock type drain.

Running Boards-Furnished, in addition to any concealed steps.

Scraper Mounting Clearance-In the area between the rear edge of the front
fender and 40" rear of the cab, there shall be a minimum of 22 inches
ground clearance (with a 15,500 lb. payload). Drive line center bearing
carrier, running boards, battery box, all tanks and exhaust system shall
meet the 22" minimum ground clearance. Exhaust modifications, if
required, shall be done with manufacturer's standard parts inventory. Any
modifications will be subject to approval by authorized state personnel.

Seats-suspension driver, fixed passenger.

Starting Aid-Cold weather, ether type or glow plug.

Steering-Power.

Tachometer.

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Throttle, Electronic, High Idle Engine RPM Control.

Tow Hooks-front, frame mounted.

Wheels-Hub Piloted disc.

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Mich. Spec. # 3958-0158
August, 2001

DUMP BODY AND HYDRAULIC HOIST

Type and Size of body: Dump with approximately 5-6 yard capacity vertical side braces and 2-gate braces. Width, minimum 7'0". Length-approximately 10 ft. Body-8 ga. steel floor, sides and ends. Continuous welding, except structural members to sheet metal. 5' long sills, 4" crossmembers; structural channel. Top rail shall be fully boxed. Full depth rear corner post. Side boards, 2"x6" rough sawn green oak.

Hoist-N.T.E.A. Class 50, type V, or VII full subframe. Floor-mounted lever controls. Dump body control lever shall be equipped with a neutral lock device. Shall be equipped with a blocking device permanently attached, capable of being locked in position to prevent inadvertent lowering of body during maintenance or inspection.

Back up alarm-Electronic type, moisture resistant, approx. 95 dba sound level.

Running Boards and Tail gate Braces-Dirt shedder type.

Cab Protector-48" x 84", continuous welds, 8 ga.

Mud Flaps-Plain, Anti Sail Type, including Anti-Sail Hardware. (No advertising either side.)

Hardware-Mfg. standard, flush hardware acceptable.

Color-To be same as Cab and Chassis.

Pintle hook-Rear mount, 25,000 lb. capacity with adequate bracing bolted to frame rails. (Holland T-100). Mounted at Frame Height.

Tail gate chains-Mfg. Standard.

Lights-To be equipped with all clearance lamps and/or reflectors necessary to conform with laws of the State of Michigan.

Body-Vendor to install body, hoist and all hydraulics; mud flaps, side, front and rear clearance lamps; all reflectors; and relocate rear turn signals, if necessary.

Clearance lights to be rubber mounted with Lexan lens, recessed in body.
Wire to be in loom or wiring harness.

Hydraulics for dump body and underbody blade to be installed by body Vendor.

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Hydraulics-Central system designed to operate: 1) dump body hoist; 2) underbody scraper vertical; 3) underbody scraper reverse. Pump shall be Hydreco Model 1515 (3/4" shaft, min.) or equal pump with cast iron center section. Pressure shall be compatible with equipment bid, mounted on front bumper and operated by engine crankshaft through "Spicer" drive line. System shall provide full flow oil bypass circuit, shut-off with full flow ball valves at inlet and outlet and 25 micron filter with replaceable element. All valves shall be sectional valves adequate for intended use and have system relief setting compatible with equipment, with adjustable relief on scraper down port. Floor mounted combination lever actuated sealed cable controls; with protective bonnet.

All unused valve ports shall be plugged with steel plugs.

Tanks- 1 ea. 80 gallon (fuel) and 1 ea. 26 gallon (oil) reservoir, mounted back of cab. Fuel tank shall have sending unit and fuel drain plug; oil reservoir shall have oil drain plug and lockable cap. Tanks shall have mounted three (3) inches behind cab and have three (3) inch clearance from body. (Space required approximately eighteen (18) inches.)

All items removed from cab and chassis by body installer (frame ends, fuel tanks, etc.) remain the property of the State of Michigan and are to be returned with truck.

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August, 2001

TRUCK: CAB AND CHASSIS
(G.V.W.R. 33,000 lbs., min.)*

MODEL-2002 CURRENT NEW

	<u>STERLING</u> <u>L7501</u>	<u>INT'L</u> <u>4900/4400</u>	<u>CHEV/GMC</u> <u>C7H042/C7C042</u>	<u>FORD</u> <u>F750</u>
Wheel base (inches)	171	170	170	182
CAB to AXLE (inches)	102	102	102	108
Engine: Diesel Type	CAT3126	DT 466	CAT3126E	CAT3126
Size	7.2L	7.8L	7.2L	7.2L
Type & No. of Cylinders	6	6	6	6
Gross H.P., 250 minimum	250	250	250	250
Torque:	800/1440	800/1400	800/1440	800/1440
Transmission: 4-Speed, World Allison Automatic, MT643D or 6-Speed, MD-3060P, World, with Single Speed Rear Axle, with Driver Controlled Locking Differential				
Axle, Min. Cap.-lbs.				
Front,	12,000	12,000	12,000	12,000
Rear, 2 Speed/No Spin	23,000	23,000	23,000	23,000
Ratios for minimum loaded road speed of approx. 68 m.p.h.				
Springs, Min. Cap. at Ground				
Front-lbs. each	6,000	6,000	6,000	6,000
Rear-lbs. each	11,500	11,750	11,500	11,500
Aux. Spring	2,250	2,250	2,250	2,250

*See Mich. SPEC. # 3958-0161 for body

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Tires, Truck, Tubeless, Radial, 11R22.5G (14PR) minimum. Front to be Highway Tread, Rear duals-Traction Drive Tread, Goodyear Unisteel G-124, G-164 RTD or approved equal. Same Mfg. Front and Rear.

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TO BE STANDARD FACTORY EQUIPPED INCLUDING, BUT NOT LIMITED TO THE FOLLOWING:

Alternator-100 amp., minimum, Reference 22SI or approved equal.

Battery(s)-12 Volt; 1,500 CCA, minimum.

Brakes-Full Air. Current FMVSS. Dust Plates. Air dryer with spin on filter, Automatic Drain Valves.
Automatic Slack Adjusters.

Cab Assist Handles-Right and Left.

Engine Safety Devices-Warning light and audible alarm system activated when engine oil pressure falls below safe operating limit or when water temperature exceeds safe operating limit. Automatic engine shut-down with low oil pressure or high coolant temperature.

Frame-Resisting bending moment 1,050,000 in.-lbs., minimum.

Fuel Tanks-50 gallon each L.H. & R.H., center step tanks.

Fuel/Water Separator with Heater.

Heater-Engine Block, 110/120 VAC

Hood-Tilt type, with Butterfly Openings

Horns-Dual, Air, Single Base, with Covers.

Mirrors-Rear View, Inside. Outside L.H. and R.H. West Coast Type, 6" x 16", Installed, with stainless steel or powder coated steel heads, brackets, and hardware.

Shock Absorbers-Heavy Duty, Front and Rear.

Starting Aid-Cold Weather, ether type or glow plug.

Steering-Power.

Tachometer.

Throttle, Electronic, High Idle Engine RPM Control.

Wheels-Hub Piloted Disc.

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TRUCK: CAB AND CHASSIS (G.V.W.R. 31,000 lbs., min.)*

MODEL-2002 CURRENT NEW

	<u>INT'L 4900/2554</u>	<u>CHEV/GMC C7H042/C7C042</u>	<u>FORD F750</u>	<u>STERLING L7501</u>
Wheelbase (inches)	170	170	182	171
C.A. (inches)	102	102	108	102
Engine: Diesel, Type	DT 466	CAT3126E	CAT3126	CAT3126
Size	7.8L	7.2L	7.2L	7.2L
No. of Cylinders	6	6	6	6
Gross H.P.,250 min.	250	250	250	250
Torque	800/1400	800/1440	800/1440	800/1440
Transmission: 4-Speed, World Allison Automatic, MT643D				
or				
6-Speed, MD-3060P, World, with Single Speed Rear Axle, with Driver Controlled Locking Differential				
Axle, Min. Cap. lbs.	12,000	12,000	12,000	12,000
Front, 12,000 minimum				
Rear, 19,000 minimum, 2 Speed/No Spin with Air Shift Control for 2 Speed Axle	19,000	19,000	19,000	19,000
Ratios for minimum loaded road speed of approx. 68 mph.				
Springs, Min. Cap. at Ground				
Front-lbs. each	6,000	6,000	6,000	6,000
Rear-lbs. each	10,400	10,500	10,400	10,400
Aux. lbs. each	2,250	2,250	2,250	2,250

*See Mich. 3958-0161 for body.

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Tires, Truck, Tubeless, Radial, 11R22.5G (14PR) minimum. Front to be Highway Tread, Rear duals-Traction Drive Tread, Goodyear Unisteel G-124, G-164 RTD or approved equal. Same Mfg. Front and Rear.

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TO BE STANDARD FACTORY EQUIPPED INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:

Alternator-100 amp., minimum, Reference 22SI or approved equal.
Battery(s)-12 Volt; 1500 CCA minimum.
Brakes-Full air. Current FMVSS. Dust plates. Air dryer with spin on filter, Automatic Drain Valves.
Automatic slack adjusters.
Cab assist handles-right and left.
Engine Safety Devices-Warning light and audible alarm system activated when engine oil pressure falls below safe operating limit or when water temperature exceeds safe operating limit. Automatic engine shut-down with low oil pressure or high coolant temperature.
Frame-Resisting bending moment 900,000 in.-lbs., min.
Fuel Tanks-50 gallon each L.H. & R.H., center step tanks.
Fuel/Water Separator with Heater.
Heater-Engine block, 110/120 VAC
Hood, Tilt type, with Butterfly Openings.
Horns-Dual, air, Single Base, with Covers.
Mirrors, Rear View, Outside. L.H. & R.H. West Coast Type, 6" x 16", installed, with stainless steel or powder coated steel heads, brackets, and hardware.
Shock absorbers, Heavy Duty, Front and Rear.
Starting Aid-Cold weather, ether type or glow plug.
Steering-Power.
Tachometer.
Throttle, Electronic, High Idle Engine RPM Control.
Wheels-Hub Piloted disc.

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Mich. Spec. # 3958-0161
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14 FT. STAKE BODY

Type and Size of Body: Approx. 14 ft stake.
Platform to be of non-skid tread plate, 1/8" minimum. Stake pockets to be of 12 gauge steel. Complete with removable racks (approximately 42" high) front, rear and sides. Steel slats, 14 ga. (min.).

Steel rub-rail. Longitudinal sills 6" (min.) structural steel channels. Crossmembers, 3" (min.) structural channel or 3" Jr. I beam (min.), on 12" centers.

Body to be: Omaha
 Knapheide
 Midwest
 Park Hurst
 Supreme
 or approved equal.

Mounting- Shall include 3 U-bolts per side, plus 2 shear straps (1 ea. side), min. 3/8" x 2-1/2", welded to body long sills and bolted to frame.

Filler Strips- Hardwood (rough sawn green oak or beech) or metal filler strips, one piece, full length, contoured to frame shall be installed between body sub-frame and truck frame on all body installations. Discontinuous filler strips acceptable on cab & chassis with humped frame rails. Body Mfg., recommended Std.

Back up alarm- Electronic type, moisture resistant approx. 95 dba sound level.

Mud Flaps- Plain, Anti Sail Type, including Anti-Sail Hardware. (No advertising either side.)

Color- Same as Cab and Chassis. Stake rack to match chassis, platform shall be black.

Rear Bumper- I.C.C. type; delete if power tail gate is specified.

Lights- To be equipped with all clearance lamps and/or reflectors necessary to conform with laws of the State of Michigan.

Body Vendor to install body, mud flaps, side, front and rear clearance lamps, all reflectors, and relocate rear turn signals, if necessary.

All items removed from cab and chassis by body installer (frame ends, fuel tanks, etc.) remain

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the property of the State of Michigan and are to be returned with truck.

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Mich. Spec. # 3958-0164
August, 2001

TRUCK: CAB AND CHASSIS (G.V.W.R. 27,000 LBS., MIN.)*

MODEL-2002 CURRENT NEW

	<u>STERLING ACTERRA M7500</u>	<u>FORD F750</u>	<u>INT'L 4700/4200</u>	<u>CHEV/GMC C7H042/C6C042</u>
Wheelbase (inches)	228	230	218	224
C.A. (inches)	160	156	150	156
Engine: Diesel, Type	Mercedes	Cummins	T444E	CAT3126E
Size	6.4L	5.9L	7.2L	7.2L
Gross HP-210 min.	210	215	210	210
Transmission: 4-speed, Allison Auto. MT643D or World				
Axle, Min. Cap.-lbs.				
Front	8,000	9,000	8,000	8,100
Rear	19,000	19,000	19,000	19,000
Ratio for minimum loaded road speed of approx. 68 mph.				
Springs, Min. Cap. at Ground				
Front-lbs. each	4,500	4,500	4,500	4,050
Rear-lbs. each	10,500	10,500	10,000	10,500
Aux. lbs. each	2,250	2,250	2,000	no rating

*See Mich. 3958-0165 or 3958-0167 for body.

Tires, Truck, Tubeless, Radial, 11R22.5G (14PR) minimum. Front to be Highway Tread, Rear duals-Traction Drive Tread, Goodyear Unisteel G-124, G-164 RTD or approved equal. Same Mfg. Front and Rear.

TO BE STANDARD FACTORY EQUIPPED INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:

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Alternator-100 amp., minimum, Reference 22SI or approved equal.

Battery(s)-12 Volts; 1500 CCA, Min.

Brakes-Full air. Current FMVSS. Dust plates. Air dryer with spin on filter, Automatic Drain Valves.

Automatic slack adjusters.

Cab assist handles-right and left.

Exhaust (PIPE ONLY) - Vertical installation.

Fuel Tanks-L.H. and R.H. 50 (min.) gallon tanks, frame mounted.

Fuel/Water Separator with Heater.

Heater-Engine block, 110/120 VAC

Hood, Tilt.

Horns-Electric, dual.

Mirrors-Rear View, Outside. L.H. and R.H. West Coast type. 6' x 16"; installed, with stainless steel or powder coated steel heads, brackets, and hardware.

Oil Seals (wet)-front axle.

Shock absorbers, Heavy Duty, Front and Rear.

Starting Aid-Cold weather, ether type or glow plug.

Steering-Power.

Tachometer.

Throttle, Electronic, High Idle Engine RPM Control.

Wheels-Hub Piloted disc.

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Mich. Spec. # 3958-0165
August, 2001

20 FT. ALUMINUM VAN BODY
PRE-PAINTED WHITE OR GRAY

Type- Van. (Non-Insulated)

Size-Nominal length overall-20 ft.

Width overall-approx. 96 inches (Not to exceed)

Height overall-approx. 103 inches

Width inside-approx. 92 inches

Height inside-approx. 96 inches

Basic Requirements- Aluminum side body panels .040", solid rivets

through-out, one piece aluminum roof supported by crowned roof bows, all welded steel rear frame, extruded aluminum posts 16" c-c, steel floor sills; cross members on 12" centers. Floor shall be supported over wheels, adequate tire clearance shall be provided.

Aeroquip Series E track, horizontally 36" from floor, installed sides and front. Surface mount.

Lining, Sides and Front- Shall be plywood; 1/2" on sides, 1/2" on front. A primed and painted 48" scuff plate of 14 ga. smooth steel shall be installed over the plywood placed on the sides and front of the van body. In back of plywood lining at front, install full width, a 6" x 6" x 3/8" steel angle bolted through floor.

All joints and seams to be weather tight. Body corners shall be rounded.

Extruded aluminum rub-rails shall be provided along each side of the body at the lower edge of the body; drip molding over rear doors.

Roof to be equipped with two skylights, 16" dia., located at the 1/3 points on the longitudinal centerline of the roof.

The floor shall be 1-1/8" treated hardwood.

Floor to be clear, i.e., no wheel housings.

Floor shall be covered with 11 ga. steel diamond floor plate.

Rear Door- Upward acting type, manufacturer's standard.

Mud Flaps- Plain, Anti Sail Type, including Anti-Sail Hardware. (No advertising either side.)

Floor Extension- 12" platform extension, 12 ga. diamond tread plate, adequately reinforced.

Extension shall be at same elevation as finished Van body floor. (Extensions can be used only on bodies without power tail gates. Delete extension if not applicable.)

Bumper- ICC step type, delete bumper if power tail gate is specified.

Lights- To be equipped with all clearance lamps and/or reflectors necessary to conform with laws of the State of Michigan.

Body Vendor to install body, mud flaps, side, front and rear clearance lamps and/or reflectors. Shall also re-install tail lights if necessary.

Filler strips- Hardwood (rough sawn green oak or beech) or metal filler strips, one piece, full length, contoured to frame shall be installed between body sub-frame and truck frame. Body Mfg. recommended Std.

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All items removed from Cab and Chassis by body installer (frame ends, fuel tanks, etc.) remain the property of the State of Michigan and are to be returned with truck.

Back up alarm-Electronic type, moisture resistant, approx. 95 dba sound level.

Grab handles on rear, bolt through type.

Nose cone.

Body shall be mounted with not less than four (4) "U" bolts per side.

**STATE OF MICHIGAN
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Mich. Spec. # 3958-0167
August, 2001

20 FT. F.R.P. VAN BODY
PRE-PAINTED WHITE OR GRAY

Type- Van. (Non-Insulated)

Size-Nominal length overall-20 ft.

Width overall-approx. 96 inches (Not to exceed)

Height overall-approx. 103 inches

Width inside-approx. 92 inches

Height inside-approx. 96 inches

Basic Requirements-5/8" F.R.P. gel coat panels, one piece aluminum roof

supported by crowned roof bows, all welded steel rear frame, 4" min. I beam floor long sills; 3" min. I beam cross members on 12" centers. Floor shall be supported over wheels, adequate tire clearance shall be provided.

Aeroquip Series E track, horizontally 36" from floor, installed sides and front. Surface mount.

Scuff Plate-A primed and painted 48" scuff plate of 0.80 kemlite shall be on

the sides and front of the van body. At front, install full width, a 6" x 6" x 3/8" steel angle bolted through floor.

All joints and seams to be weather tight. Body corners shall be rounded.

0.10 thick extruded aluminum rub-rails shall be provided along each side of the body at the lower edge of the body; drip molding over rear doors.

Roof to be equipped with two skylights, 16" dia., located at the 1/3 points on

the longitudinal centerline of the roof. Approximate 12" radius aluminum front cap.

The floor shall be 1-1/8" treated hardwood.

Floor to be clear, i.e., no wheel housings.

Floor shall be covered wt. 11 ga. steel diamond floor plate.

Rear Door-Upward acting type, manufacturer's standard.

Mud Flaps-Plain, Anti Sail Type, including Anti-Sail Hardware. (No advertising either side.)

Floor Extension-12" platform extension, 12 ga. diamond tread plate, adequately reinforced. Extension shall be at same elevation as finished van body floor. (Extensions can be used only on bodies without power tail gates. Delete extension if not applicable.)

Bumper-ICC step type, delete bumper if power tail gate is specified.

Lights-To be equipped with all clearance lamps and/or reflectors necessary to conform with laws of the State of Michigan.

Body Vendor to install body, mud flaps, side, front and rear clearance lamps and/or reflectors. Shall also re-install tail lights if necessary.

Filler strips-Hardwood (rough sawn green oak or beech) or metal filler strips, one piece, full length, contoured to frame shall be installed between body sub-frame and truck frame. Body Mfg. recommended Std.

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All items removed from Cab and Chassis by body installer (frame ends, fuel tanks, etc.) remain the property of the State of Michigan and are to be returned with truck.

Back up alarm-Electronic type, moisture resistant, approx. 95 dba sound level.

Grab handles on rear, bolt through type.

Nose cone.

Body shall be mounted with not less than four (4) "U" bolts per side.

**STATE OF MICHIGAN
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Mich. Spec. # 3958-0170
August, 2001

TRUCK: CAB AND CHASSIS (G.V.W.R. 40,000 lbs., min.)
300 H.P. DIESEL ENGINE

MODEL-2002 CURRENT NEW

	<u>INT'L</u> <u>2574 or</u> <u>Replacement</u> <u>Model</u>	<u>VOLVO</u> <u>WG42F</u>	<u>STERLING</u> <u>L9501</u>
Wheelbase Approx. 186 (inches)	186	179	171
C.A. Approx. 108 (inches)	108	102	102
Engine: Diesel, Cummins ISM only (upgradable version)			
Gross H.P.-300 min.			
No. of Cylinders: 6			
Torque, Gross 1,000 minimum			
Transmission: 5-6 speed, Allison –HD4560P with dash mounted Control, with Driver Controlled Differential Lock or No Spin			
Axle, Min. Cap.-lbs.			
Front, 14,000 min.	14,000	14,600	14,600
Rear 2-Speed/No-Spin	26,000	26,000	26,000
with Air Shift Control for 2 Speed Axle – 26,000 min.			
Ratio for minimum loaded road speed of approx. 68 mph.			
Springs, Min. Cap. at Ground			
Front-lbs. each, 7,000 min.	7,000	7,250	7,300
Rear-lbs. each, 13,000 min.	13,000	13,000	13,000
lbs. auxiliary ea. (Multi-Leaf)	2,250	2,265	2,250

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*SEE Michigan SPEC. No. 3958-0171 for body.

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Tires, Truck, Tubeless, Radial, 12R22.5H (16PR) minimum. Front to be Highway Tread, Goodyear G-286. Rear duals-Traction Drive Tread, Goodyear Unisteel G-124, G-164 RTD or approved equal. Same Mfg. Front and Rear.

TO BE STANDARD FACTORY EQUIPPED INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:

Air Conditioning: Factory Installed

Alternator-130 amp., minimum, Reference 33SI or approved equal.

Air filter restriction gauge, dash mounted, Filter Minder #3781-325.

Air Horn with covers-mounted on top of cab, so as not to interfere with driver.

Battery(s)-12 Volt, 1500 CCA, Minimum

Battery Box must be mounted 48" back of cab or under cab with a 24" ground clearance.

Brakes-Full air. Effective lining area 625 square inch, minimum. Air

compressor 12 cfm, min. Air reservoir 2,000 cubic inch, minimum. Buzzer type low pressure continuous warning device. Air pressure gauge visible to driver. Check valve or equivalent safety device between reservoir tank(s). Spring loaded diaphragm type rear wheel parking brake. Air dryer with spin on filter, mounted outside of frame rail. Automatic Drain Valves. Automatic slack adjusters. Brake and electrical connections to end of frame, are to be semi-four wheel trailer connections with seven wire electrical cable, mounted on rear cross member at end of frame.

Bumper, Front; 11" x 3" x 1/4" channel, 90" straight center section and

3" beveled ends. Channel ends to be enclosed with 1/4" thick steel plate. Straight channel acceptable. Sharp corners shall be ground smooth. Bumper shall be bolted to main frame rails.

Cab assist handles-left and right.

Cab Interior: The cab inside length shall be at least 56 inches. A cab extension shall be provided as needed.

Cab mounted solid to frame (no cab shock absorbers).

Cab-to-end of frame-proper length to accommodate an 11 foot dump box mounted

18" back of cab. The 18" space is required for fuel tank mounting.

Color-Orange acrylic enamel to match Dupont Centari 76931-AM.

Bumper and frame to be painted black.

Crankshaft-Crankshaft shall be drilled and tapped for a Spicer driveline,

opening for drive line to be under radiator.

Defrost Duct: Shall be installed for passenger side window.

Directional Signals-Rear to be special combination, turn signal, stop and tail-lights; standard canceling type. To be furnished by truck Vendor.

Dome Light in Cab.

Engine Air Breather-Provide a manual control (inside cab) for outside air intake.

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Engine Safety Devices- Warning light and audible alarm system activated when engine oil pressure falls below safe operating limit or when water temperature exceeds safe operating limit. Automatic engine shut-down with low oil pressure or high coolant temperature.

Exhaust System:

- a) Shall meet "scraper mounting clearance".
- b) Shall be vertical stack fitted with rain cap and heat shield and mounted outside of frame rails to accommodate fuel tank mounting per Mich. Spec. 3958-0171.
- c) Any exhaust modification necessary to meet ground clearance or any other specification requirement shall be done with manufacturer's standard parts available through regular dealer parts inventories.
- d) Any necessary exhaust modifications shall be subject to approval by authorized state personnel.

Fan clutch-Viscous type, thermostatic control or clutch type.

Frame- Straight rail, full length channel, frame cross section 10-1/4" x 3.12" x .375" minimum or conventional reinforcement frame, frame reinforcement shall be inverted "L" type. Section Modulus at point of maximum stress 15.9 minimum (110,000 psi yield strength steel). All bolts heads shall be flush with frame surface from a point 64" forward of the rear axle centerline to a point 96" forward of the rear axle centerline.

Frame-Straight through type with mfg. standard integral extension, shall extend 15" in front of grill.

Frame Length: The frame shall extend 150 in. min. from the back of the cab. This shall provide full support of 11 Ft. Dump Body mounted 18 in. behind cab.

Fuel tank-Transport tank only.

Fuel/Water Separator with Heater.

Gauges-Voltmeter or Ammeter, oil pressure, coolant temperature and tachometer.

Headlights-halogen type.

Heater-Engine block, 110/120 VAC

Hood-Tilt type with stationary grill.

Hourmeter, mounted in dash or under hood. To operate only when engine is running, oil pressure activated.

Junction Block: Shall be installed behind driver or passenger seat.

Line Setting Ticket: Furnish Two (2) copies with each cab and chassis delivered.

Locks-Cab Door.

Mirrors-Rear View, Outside. L.H. & R.H. West Coast type, 6" x 16" style, with stainless steel or powder coated steel heads, brackets, and hardware.

Mud Flaps-Plain, Anti Sail Type, including Anti-Sail Hardware. (No advertising either side.) mounted behind front wheels.

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Power Terminal Stud: A 12 volt power terminal shall be installed on the firewall under the hood. This shall be unfused and connection to 12 volt power at the starter solenoid with 6 gauge cable. The stud shall be 5/16 in. Diameter minimum and threaded for a standard nut. The stud shall be insulated from the firewall and have a removable insulated cover. This shall be mounted in an easily accessible position. This will be used to power lights and other electrical items installed by M-DOT.

Radiator-Petcock type drain fitting.

Running boards shall be furnished in addition to any concealed steps.

Scraper mounting Clearance-In the area between the rear edge of the front fender and 40" rear of the cab, there shall be a minimum of 24" of ground clearance. Minimum ground clearance shall not be exceeded with a payload of 20,000 lbs. Drive-line center bearing carrier, running boards, battery box, air tanks and exhaust system shall meet the 24" minimum ground clearance requirement.

Seats-High Back Bucket, both Driver and Passenger - (Driver's must be Air Suspension, with adjustable Lumbar Back Support and folding arm rest).

Steering-Power.

Throttle, Electronic, High Idle Engine RPM Control.

Trailer light cord socket: shall be sealed in the rear with a seven (7) wire cord. Single wires in a split loom will be acceptable.

Vehicle Warranty: The cab and chassis furnished with this bid will be placed in service approximately 270 days after delivery. M-DOT will advise the vendor in writing of the actual in-service dates and as part of the purchase agreement, the vendor is to assure that the manufacturer's records reflect these in service dates.

Wheels-Rim width 8.25", Hub Piloted Disc, Heavy Duty Disc Type with Hand Holds

Wheel Hubs: Front wheel hubs to be oil lubricated, clear caps with fill plugs, filled with 75W90 Synthetic Oil.

Windows-Power (Right Hand Only), switch to be easily accessible to driver.

Wiring: Dash switched for hood mounted snow plow headlights. Wiring with connectors to be coiled under hood. Snow plow headlights to be supplied and installed by M-DOT.

The successful bidder shall provide a minimum of eight hours training at a central M-DOT location, to M-DOT mechanics on the servicing and repair of new technology componentry, particularly electronic related, which has been incorporated by the manufacture since the model year 1998.

It shall be the Vendor's responsibility to hold a vehicle pilot inspection at his manufacturing facility and furnish adequate transportation and lodging (if required) for four (4) personnel from the State of Michigan, before production. This inspection shall be held within 120 days of award.

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Mich. Spec. #3958-0171
August, 2001

DUMP BODY AND HYDRAULIC HOIST

Type and Size of Body: Dump with approximately 6.5 cu. yd. capacity (inside measurement) width, 84" (Min.) Length 132" (Min.). Body-Side Headsheet shall be (10) gauge steel and the Floor shall be (8) gauge steel, of no less than 18/25 carbon content. Top longitudinal rails shall be spot welded Box Type.

Rear corner posts of body to be full depth extending over body rub rail, and joining to a section that will in turn form a full rear bolster across the rear of the body. Rear bolster to cover exposed ends of body longitudinal rails. There shall be a 4" channel under the floor at the extreme front and rear of the body for added rigidity.

Body to have crossmembers of either 4" I-Beam or 4" channel welded to floor of body and located on no less than 5" channel. Head sheet of body to be formed or reinforced at approximately the horizontal midpoint for rigidity.

Front, head sides and tail gate height-28".

Sides and front head sheet to be reinforced with a Box Type top rail formed into the side and head sheet steel panels. Triple flange not acceptable in that it will tend to collect and hold dirt, salt and debris.

Each side to be reinforced with a minimum of three (3) box type or sloped and tapered vertical braces (not to include the rear corner post). vertical braces must fit under flanged top rail, to within no less than 1/4" from flat top section of top rail and be welded to vertical braces, including rear post. To be continuous to prevent dirt, water and salt from entering.

Bottom of braces to be drilled to provide 3/8" drain holes.

Type and Size of Body: Cab Protector: Full protector, eight (8) gauge.

Tail Gate: Not less than 8 gauge, 18/25 carbon steel; double acting (opening from top or bottom). Heavy-duty support chains anchored to exterior of body, and heavy-duty tail gate latch operable by hand lever control at the left corner of body.

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Tail Gate Hardware: to be of the following minimum dimensions.

1" dia. hinge pin
7/8" plate top gate hinge
5/16" spreader chain
3/8" outer latch plates
1-1/4" dia. bottom gate pin
forged steel gate hood

Tail gate to have fully boxed perimeter bracing and a minimum of two vertical braces. Welding to be continuous on all top surface horizontal joints. Bottom surface horizontal joints to have a minimum of 4" long stitch welds on no less than a 12" center line.

Hoist: N.T.E.A. Class 50 Full subframe lifting capacity-12 tons (Min.).

Cylinder, diameter 7 1/2", dumping angle-50 degrees to 55 degrees.

Hydraulic hoist to be single cylinder, double acting, with double lift arm. Hoist must be shown and rated in the latest applicable N.T.E.A. Hoist Classification Chart.

Cylinder ports must be threaded as follows:

- (a) 2-3/4" NPT in the pressure line double acting
- (b) 1-3/4" NPT in the return line

A minimum of 20" of clear open space in the hoist frame must be maintained between forward end of main cylinder and front edge of dump box. Opening is needed for MDOT to mount all necessary hydraulic components.

Hoist to be provided with stop blocks, to be located at time of installation, to prevent hoist from raising past dump angle.

Hoist to have full subframe, subframe to extend 18" past front of body, i.e., to back of cab.

Cylinder to have removable head and adjustable packing gland nut around the rod.

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Color-Body shall be painted same color as cab and chassis; both inside and out. Rub rails, subframe and hoist shall be painted black.

Mud Flaps-Plain, Anti Sail Type, including Anti-Sail Hardware. (No advertising either side.)

Lights-To be equipped with all clearance lamps and/or reflectors necessary to conform with laws of the State of Michigan.

Body-Vendor to install body, hoist, mud flaps, side, front and rear clearance lamps; all reflectors; and relocate rear turn signals, if necessary.

Clearance lights to be rubber mounted with Lexan lens, recessed in body.
Wire to be in loom or wiring harness.

Tanks-Combination 80 gallon fuel tank approximately 30" x 12" x 72" and 26 gallon oil reservoir approximately 30" x 12" x 17" mounted 3" behind the cab and with 3" clearance to the dump body (space required approximately 18 inches). Tanks are to be mounted with equal overhang from each frame rail with 9" vertical clearance between bottom of tank and tops of frame rails.

The fuel tank is to have a sending unit and magnetic drain plug and is to be painted with Dupont Centari #4694A Holly Green.

Oil Reservoir is to have an oil magnetic drain plug, lockable cap and combination level and heat gauge (Hydro-Craft #HSG-55 or equal) mounted approximately 6" from the top of reservoir to top hole in gauge. Suction line 2" shall enter tank from bottom and extend 1" upward. Return line 1¼" shall enter bottom of tank and extend 4" upward, suction and return line shall be approx. 5" apart C. to C. Reservoir is to be painted with Dupont Centari 76931-AM.

Fuel tank and oil reservoir are to be fabricated from #7 gauge steel, pressure tested for leaks and F.H.A. labeled.

Supporting frame for tanks shall be self draining and installed with metal/metal contact of framework. All straps and tanks shall be insulated against metal/metal contact.

All items removed from cab and chassis by body installer (frame ends, fuel tanks, etc.) remain the property of the State of Michigan and are to be returned with truck.

HYDRAULIC SYSTEM IS NOT INCLUDED IN THIS SPECIFICATION.

**STATE OF MICHIGAN
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Mich. Spec. # 3958-0172
August, 2001

TRUCK: CAB AND CHASSIS (G.V.W.R. 64,000 lbs., min.) TANDEM AXLE
365 H.P. DIESEL ENGINE, RUBBER BLOCK TYPE REAR SUSPENSION

MODEL-2002 CURRENT NEW

	INT'L <u>2574</u>	VOLVO <u>WG64F</u>	STERLING <u>LT9500</u>
Wheelbase Approx. 208 (inches)	208	208	214
C.A. Approx. 130 (inches)	130	130	132

Engine: Diesel, Cummins ISM only

Gross H.P.-365 min.

No. of Cylinders: 6

Torque, Gross 1,450 min.

Transmission: 6-speed,
Allison –HD4560P with dash mounted
control

Axle, Min. Cap.-lbs.

Front, 18,000 min.	18,000	18,000	18,000
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Rear, 46,000 min.	46,000	46,000	46,000
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Ratio for minimum loaded
road speed of approx. 68 mph.

Springs, Min. Cap. at Ground

Front-lbs. each, 9,000 min.	9,000	9,000	9,000
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Rear-lbs., 46,000 min. Hendrickson H.N. or equivalent	46,000	46,000	46,000
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*SEE Michigan SPEC. No. 3958-0171 for body.

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Tires, Truck, Tubeless, Radial, 12R22.5H (16PR) minimum. Front to be Highway Tread, Goodyear G-286. Rear duals-Traction Drive Tread, Goodyear Unisteel G-124, G-164 RTD or approved equal. Same Mfg. Front and Rear.

TO BE STANDARD FACTORY EQUIPPED INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:

Air Conditioning: Factory Installed

Alternator-130 amp., minimum, Reference 33SI or approved equal.

Air filter restriction gauge, dash mounted, Filter Minder #3781-325.

Air Horn with covers-mounted on top of cab, so as not to interfere with driver.

Battery(s)-12 Volt, 1500 CCA, Minimum

Battery Box must be mounted 48" back of cab or under cab with a 24" ground clearance.

Brakes-Full air. Effective lining area 625 square inch, minimum. Air

compressor 12 cfm, min. Air reservoir 2,000 cubic inch, minimum. Buzzer type low pressure continuous warning device. Air pressure gauge visible to driver. Check valve or equivalent safety device between reservoir tank(s). Spring loaded diaphragm type rear wheel parking brake. Air dryer with spin on filter, mounted outside of frame rail. Automatic Drain Valves. Automatic slack adjusters. Brake and electrical connections to end of frame, are to be semi-four wheel trailer connections with seven wire electrical cable, mounted on rear cross member at end of frame.

Bumper, Front; 11" x 3" x 1/4" channel, 90" straight center section and

3" beveled ends. Channel ends to be enclosed with 1/4" thick steel plate. Straight channel acceptable. Sharp corners shall be ground smooth. Bumper shall be bolted to main frame rails.

Cab assist handles-left and right.

Cab Interior: The cab inside length shall be at least 56 inches. A cab extension shall be provided as needed.

Cab mounted solid to frame (no cab shock absorbers).

Cab-to-end of frame-proper length to accommodate an 14 foot dump box mounted

18" back of cab. The 18" space is required for fuel tank mounting.

Color-Orange acrylic enamel to match Dupont Centari 76931-AM.

Bumper and frame to be painted black.

Crankshaft-Crankshaft shall be drilled and tapped for a Spicer driveline,

opening for drive line to be under radiator.

Defrost Duct: Shall be installed for passenger side window.

Directional Signals-Rear to be special combination, turn signal, stop and tail-lights; standard canceling type. To be furnished by truck Vendor.

Dome Light in Cab.

Engine Air Breather-Provide a manual control (inside cab) for outside air intake.

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Engine Safety Devices- Warning light and audible alarm system activated when engine oil pressure falls below safe operating limit or when water temperature exceeds safe operating limit. Automatic engine shut-down with low oil pressure or high coolant temperature.

Exhaust System:

- a) Shall meet "scraper mounting clearance".
- b) Shall be vertical stack fitted with rain cap and heat shield and mounted outside of frame rails to accommodate fuel tank mounting per Mich. Spec. 3958-0171.
- c) Any exhaust modification necessary to meet ground clearance or any other specification requirement shall be done with manufacturer's standard parts available through regular dealer parts inventories.
- d) Any necessary exhaust modifications shall be subject to approval by authorized state personnel.

Fan clutch-Viscous type, thermostatic control or clutch type.

Frame- Straight rail, full length channel, frame cross section 10-1/4" x 3.12" x .375" minimum or conventional reinforcement frame, frame reinforcement shall be inverted "L" type. Section Modulus at point of maximum stress 30.0 minimum RBM of 3,400,000 (110,000 psi yield strength steel). All bolts heads shall be flush with frame surface from a point 64" forward of the rear axle centerline to a point 96" forward of the rear axle centerline.

Frame-Straight through type with mfg. standard integral extension, shall extend 15" in front of grill.

Frame Length: The frame shall extend 186 in. min. from the back of the cab. This shall provide full support of 14 Ft. Dump Body mounted 18 in. behind cab.

Fuel tank-Transport tank only.

Fuel/Water Separator with Heater.

Gauges-Voltmeter or Ammeter, oil pressure, coolant temperature and tachometer.

Headlights-halogen type.

Heater-Engine block, 110/120 VAC

Hood-Tilt type with stationary grill.

Hourmeter, mounted in dash or under hood. To operate only when engine is running, oil pressure activated.

Junction Block: Shall be installed behind driver or passenger seat.

Locks-Cab Door.

Line Setting Ticket: Furnish Two (2) copies with each cab and chassis delivered.

Mirrors-Rear View, Outside. L.H. & R.H. West Coast type, 6" x 16" style, with stainless steel or powder coated steel heads, brackets, and hardware.

Mud Flaps-Plain, Anti Sail Type, including Anti-Sail Hardware. (No advertising either side.) mounted behind front wheels.

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Power Terminal Stud: A 12 volt power terminal shall be installed on the firewall under the hood. This shall be unfused and connection to 12 volt power at the starter solenoid with 6 gauge cable. The stud shall be 5/16 in. Diameter minimum and threaded for a standard nut. The stud shall be insulated from the firewall and have a removable insulated cover. This shall be mounted in an easily accessible position. This will be used to power lights and other electrical items installed by M-DOT.

Radiator-Petcock type drain fitting.

Running boards shall be furnished in addition to any concealed steps.

Scraper mounting Clearance-In the area between the rear edge of the front fender and 40" rear of the cab, there shall be a minimum of 24" of ground clearance. Minimum ground clearance shall not be exceeded with a payload of 20,000 lbs. Drive-line center bearing carrier, running boards, battery box, air tanks and exhaust system shall meet the 24" minimum ground clearance requirement.

Seats-High Back Bucket, both Driver and Passenger - (Driver's must be Air Suspension, with adjustable Lumbar Back Support and folding arm rest).

Steering-Power.

Throttle, Electronic, High Idle Engine RPM Control.

Trailer light cord socket: shall be sealed in the rear with a seven (7) wire cord. Single wires in a split loom will be acceptable.

Vehicle Warranty: The cab and chassis furnished with this bid will be placed in service approximately 270 days after delivery. M-DOT will advise the vendor in writing of the actual in-service dates and as part of the purchase agreement, the vendor is to assure that the manufacturer's records reflect these in service dates.

Wheels-Rim width 8.25", Hub Piloted Disc, Heavy Duty Disc Type with Hand Holds

Wheel Hubs: Front wheel hubs to be oil lubricated, clear caps with fill plugs, filled with 75W90 Synthetic Oil.

Windows-Power (Right Hand Only), switch to be easily accessible to driver.

Wiring: Dash switched for hood mounted snow plow headlights. Wiring with connectors to be coiled under hood. Snow plow headlights to be supplied and installed by M-DOT.

The successful bidder shall provide a minimum of eight hours training at a central M-DOT location, to M-DOT mechanics on the servicing and repair of new technology componentry, particularly electronic related, which has been incorporated by the manufacture since the model year 1998.

It shall be the Vendor's responsibility to hold a vehicle pilot inspection at his manufacturing facility and furnish adequate transportation and lodging (if required) for four (4) personnel from the State of Michigan, before production. This inspection shall be held within 120 days of award.

READ PAGES B-B1.

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**STATE OF MICHIGAN
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Mich. Spec. # 3958-0172a
August, 2001

TRUCK: CAB AND CHASSIS (G.V.W.R. 64,000 lbs., min.) TANDEM AXLE
365 H.P. DIESEL ENGINE, AIR RIDE TYPE REAR SUSPENSION

MODEL-2002 CURRENT NEW

	INT'L <u>2574</u>	VOLVO <u>WG64F</u>	STERLING <u>LT9500</u>
Wheelbase Approx. 208 (inches)	208	208	214
C.A. Approx. 130 (inches)	130	130	132

Engine: Diesel, Cummins ISM only

Gross H.P.-365 min.

No. of Cylinders: 6

Torque, Gross 1,450 minimum

Transmission: 6-speed,
Allison –HD4560P with dash mounted
Control

Axle, Min. Cap.-lbs.

Front, 18,000 min.	18,000	18,000	18,000
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Rear, 46,000 minimum	46,000	46,000	46,000
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Ratio for minimum loaded
road speed of approx. 68 mph.

Springs, Min. Cap. at Ground

Front-lbs. each, 9,000 min.	9,000	9,000	9,000
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Rear-lbs., 46,000 min.	46,000	46,000	46,000
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Air Ride Type, Hendrickson HAS 460-
55, Neway or equivalent

*SEE Michigan SPEC. No. 3958-0171 for body.

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Tires, Truck, Tubeless, Radial, 12R22.5H (16PR) minimum. Front to be Highway Tread, Goodyear G-286. Rear duals-Traction Drive Tread, Goodyear Unisteel G-124, G-164 RTD or approved equal. Same Mfg. Front and Rear.

TO BE STANDARD FACTORY EQUIPPED INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:

Air Conditioning: Factory Installed

Alternator-130 amp., minimum, Reference 33SI or approved equal.

Air filter restriction gauge, dash mounted, Filter Minder #3781-325.

Air Horn with covers-mounted on top of cab, so as not to interfere with driver.

Battery(s)-12 Volt, 1500 CCA, Minimum

Battery Box must be mounted 48" back of cab or under cab with a 24" ground clearance.

Brakes-Full air. Effective lining area 625 square inch, minimum. Air

compressor 12 cfm, min. Air reservoir 2,000 cubic inch, minimum. Buzzer type low pressure continuous warning device. Air pressure gauge visible to driver. Check valve or equivalent safety device between reservoir tank(s). Spring loaded diaphragm type rear wheel parking brake. Air dryer with spin on filter, mounted outside of frame rail. Automatic Drain Valves. Automatic slack adjusters. Brake and electrical connections to end of frame, are to be semi-four wheel trailer connections with seven wire electrical cable, mounted on rear cross member at end of frame.

Bumper, Front; 11" x 3" x 1/4" channel, 90" straight center section and

3" beveled ends. Channel ends to be enclosed with 1/4" thick steel plate. Straight channel acceptable. Sharp corners shall be ground smooth. Bumper shall be bolted to main frame rails.

Cab assist handles-left and right.

Cab Interior: The cab inside length shall be at least 56 inches. A cab extension shall be provided as needed.

Cab mounted solid to frame (no cab shock absorbers).

Cab-to-end of frame-proper length to accommodate an 14 foot dump box mounted 18" back of cab. The 18" space is required for fuel tank mounting.

Color-Orange acrylic enamel to match Dupont Centari 76931-AM.

Bumper and frame to be painted black.

Crankshaft-Crankshaft shall be drilled and tapped for a Spicer driveline, opening for drive line to be under radiator.

Defrost Duct: Shall be installed for passenger side window.

Directional Signals-Rear to be special combination, turn signal, stop and tail-lights; standard canceling type. To be furnished by truck Vendor.

Dome Light in Cab.

Engine Air Breather-Provide a manual control (inside cab) for outside air intake.

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Engine Safety Devices- Warning light and audible alarm system activated when engine oil pressure falls below safe operating limit or when water temperature exceeds safe operating limit. Automatic engine shut-down with low oil pressure or high coolant temperature.

Exhaust System:

- a) Shall meet "scraper mounting clearance".
- b) Shall be vertical stack fitted with rain cap and heat shield and mounted outside of frame rails to accommodate fuel tank mounting per Mich. Spec. 3958-0171.
- c) Any exhaust modification necessary to meet ground clearance or any other specification requirement shall be done with manufacturer's standard parts available through regular dealer parts inventories.
- d) Any necessary exhaust modifications shall be subject to approval by authorized state personnel.

Fan clutch-Viscous type, thermostatic control or clutch type.

Frame- Straight rail, full length channel, frame cross section 10-1/4" x 3.12" x .375" minimum or conventional reinforcement frame, frame reinforcement shall be inverted "L" type. Section Modulus at point of maximum stress 30.0 minimum RBM of 3,400,000 (110,000 psi yield strength steel). All bolts heads shall be flush with frame surface from a point 64" forward of the rear axle centerline to a point 96" forward of the rear axle centerline.

Frame-Straight through type with mfg. standard integral extension, shall extend 15" in front of grill.

Frame Length: The frame shall extend 186 in. min. from the back of the cab. This shall provide full support of 14 Ft. Dump Body mounted 18 in. behind cab.

Fuel tank-Transport tank only.

Fuel/Water Separator with Heater.

Gauges-Voltmeter or Ammeter, oil pressure, coolant temperature and tachometer.

Headlights-halogen type.

Heater-Engine block, 110/120 VAC

Hood-Tilt type with stationary grill.

Hourmeter, mounted in dash or under hood. To operate only when engine is running, oil pressure activated.

Junction Block: Shall be installed behind driver or passenger seat.

Line Setting Ticket: Furnish Two (2) copies with each cab and chassis delivered.

Locks-Cab Door.

Mirrors-Rear View, Outside. L.H. & R.H. West Coast type, 6" x 16" style, with stainless steel or powder coated steel heads, brackets, and hardware.

Mud Flaps-Plain, Anti Sail Type, including Anti-Sail Hardware. (No advertising either side.) mounted behind front wheels.

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Power Terminal Stud: A 12 volt power terminal shall be installed on the firewall under the hood. This shall be unfused and connection to 12 volt power at the starter solenoid with 6 gauge cable. The stud shall be 5/16 in. Diameter minimum and threaded for a standard nut. The stud shall be insulated from the firewall and have a removable insulated cover. This shall be mounted in an easily accessible position. This will be used to power lights and other electrical items installed by M-DOT.

Radiator-Petcock type drain fitting.

Running boards shall be furnished in addition to any concealed steps.

Scraper mounting Clearance-In the area between the rear edge of the front fender and 40" rear of the cab, there shall be a minimum of 24" of ground clearance. Minimum ground clearance shall not be exceeded with a payload of 20,000 lbs. Drive-line center bearing carrier, running boards, battery box, air tanks and exhaust system shall meet the 24" minimum ground clearance requirement.

Seats-High Back Bucket, both Driver and Passenger - (Driver's must be Air Suspension, with adjustable Lumbar Back Support and folding arm rest).

Steering-Power.

Throttle, Electronic, High Idle Engine RPM Control.

Trailer light cord socket: shall be sealed in the rear with a seven (7) wire cord. Single wires in a split loom will be acceptable.

Vehicle Warranty: The cab and chassis furnished with this bid will be placed in service approximately 270 days after delivery. M-DOT will advise the vendor in writing of the actual in-service dates and as part of the purchase agreement, the vendor is to assure that the manufacturer's records reflect these in service dates.

Wheels-Rim width 8.25", Hub Piloted Disc, Heavy Duty Disc Type with Hand Holds

Wheel Hubs: Front wheel hubs to be oil lubricated, clear caps with fill plugs, filled with 75W90 Synthetic Oil.

Windows-Power (Right Hand Only), switch to be easily accessible to driver.

Wiring: Dash switched for hood mounted snow plow headlights. Wiring with connectors to be coiled under hood. Snow plow headlights to be supplied and installed by M-DOT.

The successful bidder shall provide a minimum of eight hours training at a central M-DOT location, to M-DOT mechanics on the servicing and repair of new technology componentry, particularly electronic related, which has been incorporated by the manufacture since the model year 1998.

It shall be the Vendor's responsibility to hold a vehicle pilot inspection at his manufacturing facility and furnish adequate transportation and lodging (if required) for four (4) personnel from the State of Michigan, before production. This inspection shall be held within 120 days of award.

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Mich. Spec. # 3958-0173
August, 2001

TRUCK: CAB AND CHASSIS (G.V.W.R. 52,000 lbs., min.)
TANDEM-Diesel Engine*

MODEL-2002 CURRENT NEW

	<u>INT'L 2574</u> <u>6 X 4</u>	<u>VOLVO</u> <u>WG64F</u>	<u>STERLING</u> <u>LT9500</u>
Wheelbase (inches)	170	179	186
C.A. (inches)	102	102	108
Engine: Diesel	Cummins ISM	VED-12B	Cummins IMS
Gross H.P., 345 min.	350	345	350
Torque, lb./ft.	1350	1350	1350
Transmission: 6-speed, Allison –HD4560P with dash mounted Control			
Axle, Min. Cap.-lbs.			
Front	14,000	14,600	12,000
Rear	40,000	40,000	40,000
Ratio for minimum loaded road speed of approx. 68 mph.			
Springs, Min. Cap. at Ground			
Front-lbs. each	7,000	7,250	6,000
Rear-lbs. each	40,000	40,000	40,000
Tandem-Hendrickson			

*See Mich. SPEC. No. 3958-0174 for body.

Tires, Truck, Tubeless, Radial, 12R22.5H (16PR) minimum. Front to be Highway Tread, Rear duals-Traction Drive Tread, Goodyear Unisteel G-124, G-164 RTD or approved equal. Same Mfg. Front and Rear.

TO BE STANDARD FACTORY EQUIPPED INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:

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Alternator-130 amp., minimum, Reference 33SI or approved equal.

Arm Rests-R.H. and L.H.

Battery(s)-12 Volt; 1500 CCA minimum

Brakes-Full air. Current FMVSS. Spring set rear wheel parking brake. Air reserve tank.

Low air pressure buzzer, 12 cfm compressor. Air dryer with spin on filter, Automatic Drain Valves.

Dust plates. Automatic slacks

adjusters. Brake and electrical connections to end of frame, are to be semi four wheel trailer connections with 7 wire electrical cable, mounted on rear cross member at end of frame.

Provide male and female connectors, loose in cab.

Cab assist handles-right and left.

Engine Safety Devices-Warning light and audible alarm system activated when

engine oil pressure falls below safe operating limit or when water temperature exceeds safe

operating limit. Automatic engine shut-down with low oil pressure or high coolant temperature.

Fan Clutch-Thermostatic viscous type or clutch type.

Frame-Resisting bending moment 1,050,000 in-lb., min.

Fuel/Water Separator with Heater.

Fuel tanks-50 gal. each step tanks, R.H. and L.H.

Heater-Engine block, 110/120 VAC

Hood, Tilt.

Horns-Dual air.

Mirrors-Rear View, Outside. L.H. & R.H. West Coast Type, 6" x 16". Installed with stainless steel or powder coated steel heads, brackets, and hardware.

Seats-Air suspension, driver and conventional passenger.

Starting Aid-Cold weather, ether type or glow plug.

Steering-Power.

Tachometer.

Throttle, Electronic, High Idle Engine RPM Control.

Tow Hooks- Front, Mfg. Std. Turn Signals-Double face.

Wheels-rim width 22.5"X8.25", Hub Piloted Disc, Heavy Duty Disc Type with Hand Holds

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Mich. Spec. # 3958-0174
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DUMP BODY AND HYDRAULIC HOIST

Type & Size of Body: Dump, approx. 10-12-yard capacity with 12-yard ends, Width, approx. 7'. Length-approx. 13 ft. Body 10 gauge steel; sides, and ends, Floor 1/4" Steel. Continuous welding, except structural members to sheet metal. 7" long sills, 4" crossmembers. Structural channels. Top rail shall be fully boxed. Full depth rear corner post. Six (6) panel tail gate. Cab protector, 48"x84', 8 ga. braced to sides of body. Running boards and tail gate braces dirt shedder type. Sideboards, 2"x6" rough sawn green oak.

Hoist N.T.E.A. Class 80. Type IV Telescopic. Floor mounted lever controls. Dump body controls shall be sealed cable lever type with protective bonnet. P.T.O. engaged light shall be furnished.

Shall be equipped with 2 blocking devices permanently attached, capable of being locked in position to prevent inadvertent lowering of body during maintenance or inspection work.

Back up alarm-Electronic type, moisture resistant, approx. 95 dba sound level.

Power Take-Off-Needle bearing. Chelsea or approved equal.

Mud Flaps-Plain, Anti Sail Type, including Anti-Sail Hardware. (No advertising either side.)

Hardware-Mfg. Standard.

Color-To be same as cab and chassis.

Lights-To be equipped with all clearance lamps and/or reflectors necessary to conform with laws of the State of Michigan. Clearance lights to be rubber mounted with Lexan lens and recessed in body. Wires to be in loom or wiring harness.

Body Vendor to install body and hoist, mud flaps, side, front and rear clearance lamps, all reflectors, and relocate rear turn signals, if necessary.

All items removed from cab and chassis by body installer (frame ends, fuel tanks, etc.) remain the property of the State of Michigan and are to be returned with truck.

Pintle hook-Rear mount 60,000 lbs. capacity with adequate bracing, bolted to frame rails (Holland 730)

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Mich. Spec. # 3958-0175
August, 2001

TRUCK: CAB AND CHASSIS TANDEM AXLE

Diesel Engine (G.V.W.R. 52,000 lbs., min.)*

MODEL-2002 CURRENT NEW

	INT'L 6x4 <u>2574</u>	INT'L 6x4 <u>2674</u>	VOLVO <u>WG64F</u>	STERLING <u>LT9500</u>
Wheel base, 227 (inches), min.	237	232	239	237
C.A. - 162 (inches), min.	162	168	162	168
Engine: Diesel Type	Cummins ISM	Cummins ISM	VOLVO VED-12B	Cummins ISM
Size	11L	11L		11L
Type & No. of Cylinders	6	6	6	6
Gross H.P., 345 minimum, @ 2,600 RPM maximum	350 @ 2,100	350 @ 2,100	345 @ 1,800	350 @ 2,100
Transmission: Allison Automatic, HD 4560P				
Axle, Min. Cap.-lbs.				
Front	14,000	14,000	14,600	14,600
Rear	40,000	40,000	40,000	40,000
Ratios for minimum loaded road speed of approx. 68 m.p.h.				
Springs, Min. Cap. at Ground				
Front-lbs. each	7,000	7,000	7,250	7,300
Rear-lbs. each	40,000	40,000	40,000	40,000
Tandem-Hendrickson				

*See Mich. SPEC. # 3958-0210 for body

Tires, Truck, Tubeless, Radial, 12R22.5H (16PR) minimum. Rear duals, Traction Drive Tread, Goodyear G-124 or G-164 RTD Rear, G-159 Front.

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TO BE STANDARD FACTORY EQUIPPED INCLUDING, BUT NOT LIMITED TO THE FOLLOWING:

Air Conditioning, Mfg. Standard.
Alternator-130 amp., minimum, Reference 33SI or approved equal.
Arm Rests-R.H. and L.H.
Battery(s)-12 Volt; 1,500 CCA, minimum.
Brakes-Full Air. Current FMVSS. Dust Plates. Air dryer with spin on filter, Automatic Drain Valves.
Automatic Slack Adjusters.
Cab Assist Handles-Right and Left, Bolt-through Type.
Coolant System-maximum size available, incorporating coolant recovery.
Engine Safety Devices-Warning light and audible alarm system activated when engine oil pressure falls below safe operating limit or when water temperature exceeds safe operating limit. Automatic engine shut-down with low oil pressure or high coolant temperature.
Fan Clutch-Thermostatic Viscous Type or Clutch Type.
Frame-Resisting bending moment 2,000,000 in.-lbs., minimum, including frame reinforcement
Fuel Tanks-80 gallon minimum total capacity L.H. & R.H., center step tanks.
Fuel/Water Separator with Heater.
Heater-Engine Block, 110/120 VAC.
Hood-Tilt type.
Horns-Dual, Air.
Mirrors-Rear View, Inside. Outside L.H. and R.H. West Coast Type, 6" x 16", installed with stainless steel or powder coated steel heads, brackets, and hardware.
Moisture Ejector-Heated Type.
Muffler-Horizontal with Vertical Tailpipe with 90 degree elbow - 12' 10" maximum height.
Oil Seals-(Wet), Front Axle.
Seats-Air Suspension High Back Driver, and Fixed High Back Passenger.
Shock Absorbers-Heavy Duty, Front.
Spare Wheel and Tire, (Tire Same as Front).
Starting Aid-Cold Weather, ether type.
Steering-Power.
Tachometer.
Throttle, Electronic, High Idle Engine RPM Control.
Turn Signals-Fender Mounted.
Tow Hooks- (2) Front
Wheels-Hub Piloted Disc.

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Mich. Spec. # 3958-0177
August, 2001

TRACTOR: (G.C.W. 50,000 lbs., min.)
(On Highway or Local Use)

MODEL-2002 CURRENT NEW

	<u>INT'L</u> <u>4900/4400</u>	<u>CHEV/GMC</u> <u>C7H042/C7C042</u>	<u>STERLING</u> <u>7501</u>
Wheelbase (inches)	140	140	141
C.A. (inches)	72	72	72
Engine: Diesel, Type	DT466	Cat. 3126E	Cat. 3126
Gross H.P.-250	250	250	250
Torque, (1,400 rpm, approx.)	800/1,400	660/1,440	660/1,440
Clutch- 14 in. min.	14	14	
Transmission: 9-speed	Fuller	Fuller	Fuller
RT6609 or RT8709	RT8709	RT8709	RT8709
Axle, Min. Cap.-lbs.			
Front	8,000	8,000	10,000
Rear	19,000	19,000	19,000
Ratio for minimum loaded road speed of approx. 68 mph.			
Springs, Min. Cap. at Ground			
Front-lbs. each	4,000	4,000	5,000
Rear-lbs. Each	11,750	10,500	10,500

Tires, Truck, Tubeless, Radial, 11R22.5G (14PR) minimum. Rear duals, Traction
Drive Tread, Goodyear G-124 or G-164 RTD Rear, G-159 Front.

TO BE STANDARD FACTORY EQUIPPED INCLUDING, BUT NOT LIMITED TO, THE
FOLLOWING:

Air Conditioning.
Air horns-dual.

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Alternator-130 amp., minimum, Reference 33SI or approved equal.

Battery(s)-12 Volt; 1500 CCA minimum.

Brakes-Full air. Current FMVSS. Low air pressure indicator. Semi-trailer connections with breakaway valve. Dust plates. Air dryer with spin on filter, Automatic Drain Valves. Automatic Slack Adjusters.

Cab assist handles-right and left.

Catwalk-Provide "Grip Strut" metal catwalk behind cab, full width of frame and approx. 24 inches wide.

Engine Safety Devices-Warning light and audible alarm system activated when engine oil pressure falls below safe operating limit or when water temperature exceeds safe operating limit. Automatic engine shut-down with low oil pressure or high coolant temperature.

Exhaust-Vertical with 90° elbow at top, 12'-10" maximum height.

Fifth wheel-Air slide with tapered frame and kick plate. 24" track.

Fuel Tanks-Frame mounted. R.H. and L.H., 50 gallons minimum, each.

Fuel/Water Separator with Heater.

Heater-Engine block, 110/120 VAC

Hood, Tilt.

Jumper Light Cord and Hose Mounted on back of cab. Light cord to be equipped with 7-way plug.

Mirrors-Rear View, Outside. L.H. & R.H. West Coast Type, 6" x 16", Installed with stainless steel or powder coated steel heads, brackets, and hardware.

Mud Flaps-Plain, Anti Sail Type, including Anti-Sail Hardware. (No advertising either side.)

Oil filter-"Luberfiner".

Oil seals (wet)-front axle.

Radiator fan-Viscous drive or clutch type.

Seats-High Back Driver and Passenger- (Driver's must be air suspension).

Silicon hoses-heater and radiator.

Starting Aid-Cold weather, Ether type.

Steering-Power.

Tachometer.

Throttle, Electronic, High Idle Engine RPM Control.

Tow hooks-Front, frame mounted.

Wheels-Hub Piloted disc.

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Mich. Spec. # 3958-0178
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TRACTOR: (G.C.W.R. 70,000 lbs., min.)
TANDEM AXLE

MODEL-2002 CURRENT NEW

	<u>VOLVO</u> <u>WG 64T</u>	<u>INT'L</u> <u>8100</u>	<u>STERLING</u> <u>LT9500</u>
Wheelbase (inches)	146	148	153
C.A. (inches)	79	84	84
Engine: Diesel	VOLVO	Cummins IMS	Cummins IMS
Cummins Select	VED-12B		
Gross H.P.- 345 @ 1800 rpm, min.	345/1,800	350/1,800	350/1,800
Torque	1,350	1,350	1,350
or			
Cat C-10		Cat C-10	Cat C-10
Gross H.P.- 300 @ 1800 rpm		305/2,100	305/2,100
Torque	1,150	1,150	1,150
Clutch- 15½"-2 plate, min.	15½-2	15½-2	15½-2
Transmission: 9 speed	Fuller	Fuller	
	RTX-13609B	RTX-13609B	RT11709H
	or FRO-13210C	or FRO-13210C	or FRO13210C
Axle, Min. Cap.-lbs.			
Front	12,000	12,000	12,000
Rear	40,000	40,000	40,000
(Air power divider control, air shift, dash board indicating light)			
Ratio for minimum loaded road speed of approx. 68 mph.			
Springs, Min. Cap. at Ground			
Front-lbs. Each	6,250	6,000	6,000
Rear-lbs. min. @ pad	40,000	40,000	40,000
4 spring design			

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Tires, Truck, tubeless, Radial-11R24.5G (14PR) minimum. Front Highway Tread, Rear duals, Traction Drive Tread, Goodyear Unisteel G-124, G-164 RTD or approved equal. Same Mfg. Front and Rear.

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TO BE STANDARD FACTORY EQUIPPED INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:

Air Conditioning

Alternator-130 amp., minimum, Reference 33SI or approved equal.

Battery(s)-12 Volt; 1,875 CCA minimum.

Brakes-Full air. Current FMVSS. Semi-Trailer connections with breakaway Valve. Dust plates. Air dryer with spin on filter, Automatic Drain Valves. Automatic Slack Adjusters. Cab assist handles-right and left.

Catwalk-Provide grip strut metal catwalk behind cab, full width of frame and approx. 36 inches wide.

Exhaust-Vertical with 90° elbow at top, 12'-10" maximum height.

Fenders-front quarter, rubber or plastic.

Fifth wheel-Air slide with tapered frame and kick plate. 36" track.

Fuel Tanks-R.H. & L.H. step tanks, 150 gallon, min. total capacity.

Fuel/Water Separator with Heater.

Gauges-Voltmeter and oil pressure.

Glass-Tinted all around.

Heater-Engine block, 110/120 VAC

Hood, Tilt.

Horns-Dual, air.

Jumper Light Cord and Hose Mounted on back of cab. Light cord to be equipped with 7-way plug.

Mirrors-Rear View, Outside. L.H. & R.H. West Coast Type, 6" x 16", Installed with stainless steel or powder coated steel heads, brackets, and hardware.

Mud Flaps-Plain, Anti Sail Type, including Anti-Sail Hardware. (No advertising either side.)

Oil seals (wet) - front axle.

Radiator fan-Viscous drive or clutch type.

Seats-driver's, air suspension, cloth, high back. Passenger, non-suspension.

Silicon hoses-heater and radiator.

Starting Aid-Cold weather, Ether type.

Steering-Power.

Tachometer.

Tow Hooks-front, frame mounted.

Wheels-Hub Piloted disc .

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Mich. Spec. # 3958-0210
August, 2001

BODY: ALUMINUM VAN-(Non-Insulated)
(Pre-Painted White or Gray)

Type-Standard commercial type, not insulated.

Size-Nominal length overall-As specified; use with truck CA's indicated

(10'-CA 72", 12'-CA 84", 14'-CA 102", 16'-CA 120")

Width Inside-approximately 92 inches

Height Inside-approximately 85 inches

Width Overall-approximately 96 inches (not to exceed)

Height Overall-approximately 91 inches

BASIC REQUIREMENTS:

Aluminum side body panels, .040", solid rivets throughout, one piece aluminum roof supported by crowned roof bows, all welded steel rear frame, extruded aluminum posts 16" c-c, floor sill crossmembers 3" (min.) structural channel or 3" Jr. I beam (min.), on 12" centers. Floor shall be supported over wheels, adequate tire clearance shall be provided.

All joints and seams to be weather tight; roof and body corners shall be rounded. Extruded aluminum rub-rails shall be provided along each side of body at the lowest edge of the panels; drip molding over rear door.

Floor shall be constructed of 1-1/8" hardwood, shiplap or tongue and groove, install (2) floor screws each board at intersections with crossmembers.

Floor Extension-12" platform extension, 3/16" diamond tread plate, reinforced with structural steel channel. Extension shall be at same elevation as finished van body floor. (Extensions can be used only on bodies without power tail gates. Delete extension if not applicable.)

Shall have two dome lights with switch unless skylight(s) is specified.

Body shall be equipped with overhead door, unless another type is specified.

Door lock shall be provided, properly installed to insure positive closing action under all operating conditions.

All hardware shall be of heavy duty design. Body shall be mounted with not less than three U bolts on each side of chassis. If body exceeds 16' one additional U bolt shall be installed each side.

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Shall be equipped with heavy duty bumper step plate beneath rear doors, I.C.C. type. (Delete I.C.C. step bumper if power tailgate is specified.)

Body shall be equipped with all clearance lamps and/or reflectors necessary to conform with the laws of the State of Michigan.

Grab handles on rear, bolt through type.

Filler Strips-Hardwood (rough sawn green oak or beech) or metal filler strips, one piece (full length) shall be installed between body sub-frame and truck frame. Body Mfg. recommended Std.

Aeroquip Series E track, horizontally 36" from floor, installed sides and front. Surface mount.

Lining, sides and front-Shall be plywood; 1/2" on sides, 1/2" on front. A primed and painted 48" high scuff plate of 14 ga. smooth steel shall be installed over the plywood placed on the sides and front of the van body. In back of plywood lining, at front, install full width, a 6" x 6" x 3/8" steel angle bolted through floor.

All items removed from Cab and Chassis by body installer (frame ends, fuel tanks, etc.) remain the property of the State of Michigan and are to be returned with truck.

Nose Cone.

Back up alarm-Electronic type, moisture resistant, approx. 95 dba sound level.

Option: If agency anticipates truck is to be entered by a fork truck -

Height Inside, should be specified as; approx. 96"

Height Overall, should be specified as; approx. 102"

12 ga. reinforcing plate shall be installed under floor over wheel well area, secured to crossmembers fore and aft.

**STATE OF MICHIGAN
DEPARTMENT OF MANAGEMENT AND BUDGET
OFFICE OF PURCHASING**

Mich. Spec. # 3958-0212
August, 2001

BODY: F.R.P. VAN-(Non-Insulated)
(White)

Type-Standard commercial type, not insulated.

Size-Nominal length overall-As specified; use with truck CA's indicated

(10'-CA 72", 12'-CA 84", 14'-CA 102", 16'-CA 120")

Width Inside-approximately 92 inches

Height Inside-approximately 85 inches

Width Overall-approximately 96 inches (not to exceed)

Height Overall-approximately 91 inches

BASIC REQUIREMENTS:

5/8" F.R.P. gel coat panels, one piece aluminum roof supported by crowned roof bows, all welded steel rear frame, floor sill crossmembers 3" (min.) structural channel or 3" Jr. I beam (min.), on 12" centers. Floor shall be supported over wheels, adequate tire clearance shall be provided. Minimum 4" min. structural channel or 4" min. Jr. I beam long sills. Rear Door Frame/Post shall be 7 ga. minimum galvanized steel.

All joints and seams to be weather tight; roof and body corners shall be rounded. 0.100 thick extruded aluminum rub-rails shall be provided along each side of body at the lowest edge of the panels; drip molding over rear door.

Floor shall be constructed of 1-1/8" hardwood, shiplap or tongue and groove, install (2) floor screws each board at intersections with crossmembers.

Floor Extension-12" platform extension, 3/16" diamond tread plate, reinforced with structural steel channel. Extension shall be at same elevation as finished van body floor. (Extensions can be used only on bodies without power tail gates. Delete extension if not applicable.)

Shall have two dome lights with switch unless skylight(s) is specified.

Body shall be equipped with overhead door, unless another type is specified.

Door lock shall be provided, properly installed to insure positive closing action under all operating conditions.

All hardware shall be of heavy duty design. Body shall be mounted with not less than three U bolts on each side of chassis. If body exceeds 16' one additional U bolt shall be installed each side.

**STATE OF MICHIGAN
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Mich. Spec. # 3958-0212

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Shall be equipped with heavy duty bumper step plate beneath rear doors, I.C.C. type. (Delete I.C.C. step bumper if power tailgate is specified.)

Body shall be equipped with all clearance lamps and/or reflectors necessary to conform with the laws of the State of Michigan.

Grab handles on rear, bolt through type.

Filler Strips-Hardwood (rough sawn green oak or beech) or metal filler strips, one piece (full length), shall be installed between body sub-frame and truck frame. Body Mfg. recommended Stnd.

Aeroquip Series E track, horizontally 36" from floor, installed sides and front. Surface mount.

A 48" high scuff plate of 0.80 kemlite shall be installed on the sides and front of the van body. At front, install full width, a 6" x 6" x 3/8" steel angle bolted through floor.

All items removed from Cab and Chassis by body installer (frame ends, fuel tanks, etc.) remain the property of the State of Michigan and are to be returned with truck.

Nose Cone.

Back up alarm-Electronic type, moisture resistant, approx. 95 dba sound level.

Option: If agency anticipates truck is to be entered by a fork truck -

Height Inside, should be specified as; approx. 96"

Height Overall, should be specified as; approx. 102"

12 ga. reinforcing plate shall be installed under floor over wheel well area, secured to crossmembers fore and aft.

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Mich. Spec. # 3958-0214
August, 2001

TRAILER, TANDEM AXLE (Van Type)

Axles-22,500 lbs., min., sliding tandem-bidder specify length of slider.
Brakes-16-1/2 x 7" x 3/4", air operated, with dust shields. Automatic Slack Adjusters.
Bumpers-Cast steel corner bumpers. Approx. 2" tailshelf and ICC bumper on rear.
Corner Radius-approx. 10" outside.
Dome Lights-4, with switch at rear.
Electrical Connectors-6-way and 7-way ATA.
Floor-1-3/8" tongue and groove laminated hardwood, undercoated with preservative.
Crossmembers "I" beam type, min. 15" centers.
Floor to extend 12" beyond rear door.
Front Panels and side Panels-.050" aluminum. Smooth or corrugated on 1-1/2' centers.
Grab handles-rear, both sides.
Height-(inside)-approximately 101".
Height-(Overall), maximum 13'.
Hub odometer
Kingpin Location-36" standard.
Landing Gear-Vertical, 2-speed, with rubber cushion sand shoes.
Length-40' overall.
Lights-12 volt system. To be equipped with lights and reflectors to conform with Michigan law and FMVSS No. 108. Signal turn lights to be Class A and shall be wired in such a manner that they will operate with the warning switch on the tractor.
Lining-1/2" plywood exterior grade min. 96" high, with 16 gauge primed and painted metal liner, 48" high.
Mud Flaps-Molded rubber, Anti Sail Type, including Anti-Sail Hardware.
(No advertising either side).
Nose Cone.
Oil seals (wet), both axles.
Painted-Steel parts to be painted aluminum.
Radius Rods-Rubber bushed, adjustable one side.
Rear Door-Full width roll up.
Roof Bows-Aluminum on 24" centers. "I" beam, extruded aluminum.
Roof-One piece .032 smooth aluminum.
Rub Rail-Aluminum.
Side Posts-24" centers, (12 centers at coupler and support area, extruded aluminum hat section type.)
Skylights-2 skylights located 1/3 of the distance from the front and rear of the trailer. Manufacturer's standard.
Spare Tire Carrier-Single, slip-in basket type.
Spare tire and wheel.
Springs-3 leaf type.

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Tires-Tubeless, radial-11R22.5G (14PR).

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Mich. Spec. #3958-0214

August, 2001

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Track-Aeroquip Series E track, 2 rows horizontally, sides and front, recess
mount. Lower row 24" from floor to top of track, upper row 41" from floor to top of track.

Upper 5th Wheel-4" min. structure.

Wheels, Disc. Type

Width-92" inside.

Wiring-Enclosed with automatic reset circuit breakers.

All items removed from Cab and Chassis by body installer (frame ends, fuel tanks, etc.) remain the property of the State of Michigan and are to be returned with truck.

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Mich. Spec. # 3958-0215
August, 2001

HYDRAULIC POWER TAIL GATE-CONVENTIONAL TYPE

2,000# Capacity (15,000 G.V.W.R. and above)

Type- Standard truck body hydraulic power tail gate, P.T.O. (hot shift type) or electric driven. Lift platform deck surface to be non-skid steel. Operator control(s) mounted both sides, deadman type, grease fittings at all pivot points, removable cylinder, platform shall automatically mechanically latch in both loading and travel position, a load lock hydraulic line valve located so as to prevent a sudden drop of the lift gate due to burst hydraulic line is acceptable in lieu of a mechanical auto latch for the loading position. Hydraulic power close.

Platform Type-Ramp edge

Platform Depth-(± 3 ") 35", 41", and 53" (includes ramp).

Platform Width-(± 3 ") 90" and 84".

Minimum Lift Capacity-2,000 lbs. (May exceed the 2,000 lb. capacity to conform with manufacturer's rating for platform sizes specified.)

Gate Power System-P.T.O. (hot shift type) with overspeed control device or electric/hydraulic with operation by separate deep cycle battery. Install in battery box with cover. Battery to charge from truck electrical system. Battery capacity min. 105AH.

If electric the power unit shall be mounted as high as possible between the frame rails and the pump enclosure shall be hard formed plastic or metal.

Agency to specify power system.

Vendor to install tail gate to chassis, furnish and mount hydraulic pump and connect to P.T.O. or electric power unit. Gate shall be mounted so that when in raised (horizontal) position the platform is flush with body floor. If PTO operated, furnish PTO engaged indicator light, dash mounted. Steel tail gates shall be satin primed and painted black.

Furnish and install heavy duty stirrup steps, both sides, constructed of structural steel.

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Mich. Spec. # 3958-0216
August, 2001

HYDRAULIC POWER TAIL GATE-CONVENTIONAL TYPE
3,000# Capacity (20,000 G.V.W.R. and above)

Type- Standard truck body hydraulic power tail gate. Lift platform deck surface to be non-skid steel. Operator control(s) mounted both sides, deadman type, grease fittings at all pivot points, removable cylinder, platform shall automatically mechanically latch in travel both loading and travel position, a load lock hydraulic line valve located so as to prevent a sudden drop of the lift gate due to burst hydraulic line is acceptable in lieu of a mechanical auto latch for the loading position. Hydraulic power close.

Platform Type-Ramp edge.

Platform Depth-(\pm 3") 35", 41", and 53" (includes ramp).

Platform Width-(\pm 3") 90" and 84".

Minimum Lift Capacity-3,000 lbs. (May exceed the 3,000 lb. capacity to conform with manufacturer's rating for platform sizes specified.)

Gate Power System-P.T.O. (hot shift type) with overspeed control device or electric/hydraulic with operation by separate deep cycle battery. Install in battery box with cover. Battery to charge from truck electrical system. Battery capacity min. 105 A.H.

If electric the power unit shall be mounted as high as possible between the frame rails and the pump enclosure shall be hard formed plastic or metal.

Agency to specify power system.

Vendor to install tail gate to chassis, furnish and mount hydraulic pump and connect to P.T.O. or electric power unit. Gate shall be mounted so that when in raised (horizontal) position the platform is flush with body floor. If PTO operated, furnish PTO engaged indicator light, dash mounted. Steel tail gates shall be satin primed and painted black.

Furnish and install heavy duty stirrup steps, both sides, constructed of structural steel.

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Mich. Spec. # 3958-0217
August, 2001

HYDRAULIC POWER TAIL GATE-CONVENTIONAL TYPE
4,000# Capacity (20,000 G.V.W.R. and above)

Type- Standard truck body hydraulic power tail gate. Lift platform deck surface to be non-skid steel. Operator control(s) mounted both sides, deadman type, grease fittings at all pivot points, removable cylinder, platform shall automatically mechanically latch in both loading and travel position, a load lock hydraulic line valve located so as to prevent a sudden drop of the lift gate due to a burst hydraulic line is acceptable in lieu of a mechanical auto latch for the loading position. Hydraulic power close.

Platform Type-Ramp edge.

Platform Depth-(\pm 3") 35", 41" and 53" (includes ramp).

Platform Width-(\pm 3") 90" and 84".

Minimum Lift Capacity-4,000 lbs. (May exceed the 4,000 lb. capacity to conform with manufacturer's rating for platform sizes specified.)

Gate Power System- P.T.O. (hot shift type) with overspeed control device or electric/hydraulic with operation by separate deep cycle battery. Install in battery box with cover. Battery to charge from truck electrical system. Battery capacity min. 105 A.H.

If electric the power unit shall be mounted as high as possible between the frame rails and the pump enclosure shall be hard formed plastic or metal.

Agency to specify power system.

Vendor to install tail gate to chassis, furnish and mount hydraulic pump and connect to P.T.O. or electric power unit. Gate shall be mounted so that when in raised (horizontal) position the platform is flush with body floor. If PTO operated furnish PTO engaged indicator light, dash mounted. Steel tail gates shall be satin primed and painted black.

Furnish and install heavy duty stirrup steps, both sides, constructed of structural steel.

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Mich. Spec. # 3958-0218
August, 2001

HYDRAULIC POWER TAIL GATE

Stow-Away Type (15,000 G.V.W.R. and above)

Type- Stow-away type, folds under truck bed; P.T.O. (hot shift type) or electric driven, platform deck surface to be non-skid metal. Operator control(s) mounted both sides, deadman type, power down, grease fittings at all pivot points, cylinder rod shall be in retracted position when gate is in stowed position, removable cylinder, platform shall automatically mechanically latch in both loading and travel position, a load lock hydraulic line Valve located so as to prevent a sudden drop of the lift gate due to a burst hydraulic line is acceptable in lieu of a mechanical auto latch for the loading position. Furnish Snubber kit. Lift gate to include 8" floor extension.

Platform Type-Ramp edge.

Stirrup steps and dock bumper, both sides. Stirrup steps shall be structural steel, dock bumper shall be 6"x12"x3"d rubber.

Platform Depth-(\pm 3") 30" and 42" (includes ramp).

Platform Width-(\pm 3") 72" minimum.

Specify Lift Capacity-2,500 lbs., or 3,000 lbs.

Gate Power System-P.T.O. (hot shift type) with overspeed control device or electric/hydraulic with operation by a separate deep cycle battery. Install in battery box with cover. Battery to charge from truck electrical system. Battery capacity min. 105 A.H.

If electric the power unit shall be mounted as high as possible between the frame rails and the pump enclosure shall be hard formed plastic or metal.

Agency to specify power system.

Vendor to install tail gate to chassis, furnish and mount hydraulic pump and connect to P.T.O. or electric power unit and furnish and install tailgate protective dock bumpers.

Installation-Gate shall be mounted so that when in raised (horizontal) position the platform is flush with body floor; if gate is to be mounted in conjunction with van body and floor extension, the finished van body floor, and floor extension shall be at the same elevation. If PTO operated, furnish PTO engaged indicator light, dash mounted. Steel tail gates shall be satin primed and painted black.

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Mich. Spec. # 3958-0219
August, 2001

HYDRAULIC POWER TAIL GATE (Van Type or Pick-Up)
1,000# Capacity (10,000 G.V.W.R. or less)

Type- Top mount or rail for parcel vans and Pick-Ups, platform deck surface to be non-skid tread plate. Torsion bar gate fold assistance. Grease fittings at all pivot points, platform shall be mechanically latched in travel position, operator controls -- deadman type.

Platform Size- \pm 3"

52" x 31" plus 5" ramp edge.

60" x 31" plus 5" ramp edge.

72" x 34" plus 5" ramp edge.

86" x 34" plus 5" ramp edge.

Platform Width must be compatible with door opening.

Power-Electric Hydraulic shall be totally enclosed. Controls shall be externally mounted.

Tail Lights-To be visible with gate in up or down position. If any portion of tail lights are obstructed by gate mounting it is Vendor's responsibility to install an auxiliary tail light kit.

Gate shall be mounted so that when is raised (horizontal) position the platform is flush with body floor.

Specify, if required, lift height if above truck tailgate. (Multiple height loading to "X" above ground required.) Gate shall be satin primed and painted black.

Note: Adequate bracing for upper tail gate mounting to rear of vehicle shall be furnished (to prevent damage to Vehicle sheet metal in tail light area). Design is subject to approval of the Motor Transport Division, State of Michigan.

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Mich. Spec. # 3958-0220
August, 2001

HYDRAULIC POWER TAIL GATE (Fold-Up type or Tuck Away type)
1500# minimum Capacity-Agency to specify type required

Type- Frame mount for 10,000# G.V.W.R. chassis or smaller stake body; grease fittings at all pivot points.

Platform type-Ramp edge/diamond tread construction.

Platform Size- \pm 3"

78" X 32" plus ramp

84" x 32" " " Fold-Up

90" x 32" " "

72" x 32" " " Tuck-Away (can't be used with 9' or 10')
(stake bodies)

Platform Width must be compatible with body width.

Power-Electric Hydraulic, power unit shall be mounted as high as possible between frame rails and totally enclosed. (except tank)

Controls-To operate from either side, deadman type.

Tail Lights-To be visible with gate in up or down position.

Gate shall be mounted so that when in raised (horizontal) position the platform is flush with body floor. Gate shall be satin primed and painted black.

Furnish and install heavy duty stirrups steps, constructed of structural steel.

On Tuck-away gates rubber dock bumpers 6" x 12" H x 3"d shall be furnished.

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Mich. Spec. # 3958-0221
August, 2001

HYDRAULIC POWER TAIL GATE, RAIL TYPE

Type - Rail type, platform shall remain level during both raise and lower operation.

Platform deck surface to be diamond tread material. Operator control(s) mounted both sides, deadman type. Torsion assist platform closure.

Platform Type-Ramp edge.

Capacities and Platform Sizes: (Agency shall specify)

<u>Capacity</u>	<u>Platform Size (+ 3")</u>	<u>Truck G.V.W.R. Rating</u>
1,250	30" x 86"	11,000 lbs. and above
1,600	36" x 90"	11,000 lbs. and above
2,000	36" x 90"	15,000 lbs. to 20,000 lbs.
3,000	36" x 90"	15,000 lbs. and above
4,000	42" x 90"	20,000 lbs. and above

P.T.O.- P.T.O. (hot shift type) with overspeed control device or electric/hydraulic with operation by a separate deep cycle battery. Install in battery box with cover. Battery to charge from truck electrical system. Battery capacity min. 105 A.H.

If electric the power unit shall be mounted as high as possible between the frame rails and the pump enclosure shall be hard formed plastic or metal.

Agency to specify power system.

Tail lights shall be visible with gate in up or down position.

Vendor to install tail gate to chassis, furnish and mount hydraulic pump and connect to P.T.O. or electric power unit and furnish and install tailgate protective dock bumpers. Steel tail gates shall be satin primed and painted black.

Note: If above truck bed lift is required, agency shall specify.

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Mich. Spec. # 3958-0222
August, 2001

BED LINER AND TAIL GATE PROTECTOR
FOR
PICK-UP TRUCKS

Type-bed liner and tail gate protector over rail type shall be of one piece seamless construction. The material shall be of high density polyethylene with a minimum tensile strength of 3700 psi. It shall be highly resistant to gasoline, salts and ultra violet rays and not become brittle at temperatures of -50°F.

The bed liner floor shall be a ribbed design.

Both liner and tail gate protector shall be custom designed to conform to the vehicle manufacturers dimensions.

Installation shall be without drilling of holes in the vehicle. (Bed liner only).

Prior to installing the bed liner, the pick-up box interior shall be rust proofed with a minimum of 4 mils of material.

**STATE OF MICHIGAN
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Mich. Spec. # 3958-0224
August, 2001

CAP, SHOP UTILITY, PICK-UP TRUCK

Length	6, 7, or 8 Ft., as specified
Warranty Provision	12 Months, Material and Workmanship
Installation	Foam insulation/weather strip, front and sides. Cadmium plated bolts, nuts and washers, minimum 3 per side.
Third Stop Light	Weather proof connection to Truck wiring harness
Roof Bows	5 Bow Rood Cage 15/16" square tubing
Side Door Supports	15/16" x 2" Tubing
Rear Door Support Frame	15/16" x 1 1/2" Tubing
Top Rail for Bow	15/16" x 1 1/2" Tubing
Beacon Light Plate	1/8" x 12" x 12" Between Bows 2 and 3
Roof	.019 RCE (ripple) Aluminum
Doors	Lift Type (Statewide brand)
Gas Filled Door Props	2 (Two) each door
Side Doors	Each Side 56" x 15" Clear Glass
Rear Door	Full Width and height Clear Glass
Front Glass	Clear, Picture window 52" 12"
Door Locks	Keyed Alike
Awning Windows	Rear Corners, behind side doors, Clear Glass 18" x 15"
Color	Black, with all black doors and trim unless otherwise specified.

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ALTERNATE
FUEL VEHICLES
BI-FUEL AND DEDICATED
(LPG, CNG, ETHANOL, E85)

**STATE OF MICHIGAN
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OFFICE OF PURCHASING**

Mich. Spec. # 3905-0003A
August, 2001

PASSENGER CARS: LARGE-SIZE (Frontwheel Drive)
ALTERNATE FUEL VEHICLES, (Bi-Fuel, CNG, or ETHANOL)
4-Door Sedan -(Automatic Transmission)

MODEL-2002 CURRENT NEW

<u>MAKE</u>	<u>W.B.</u>	<u>ENGINE</u>	<u>CYL.</u>	<u>TYPE OF FUEL</u>
Ford Taurus	108.5	3.0L	6	Ethanol/Gasoline <u>Flex Fuel</u>

TO BE STANDARD FACTORY EQUIPPED

READ PAGE A.

**STATE OF MICHIGAN
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Mich. Spec. # 3905-0004A
August, 2001

PASSENGER CARS: MID-SIZE (Frontwheel Drive)
ALTERNATE FUEL VEHICLES, (Bi-Fuel, CNG, or ETHANOL)
4-Door Sedan -(Automatic Transmission)

MODEL-2002 CURRENT NEW

<u>MAKE</u>	<u>W.B.</u>	<u>ENGINE</u>	<u>CYL.</u>	<u>TYPE OF FUEL</u>
Chevrolet Cavalier	104.1	2.2L	4	<u>Bi-Fuel, CNG</u>

TO BE STANDARD FACTORY EQUIPPED.

ADD:

Seats-Bucket type, front

READ PAGE A.

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Mich. Spec. # 3905-0005A
August, 2001

PASSENGER CARS: LARGE
ALTERNATE FUEL VEHICLES, (Bi-Fuel, CNG, or ETHANOL)
4-Door Sedan - (Automatic Transmission)

MODEL-2002 CURRENT NEW

<u>MAKE</u>	<u>W.B.</u>	<u>ENGINE</u>	<u>CYL.</u>	<u>TYPE OF FUEL</u>
Ford Crown Victoria	114.4	4.6L	V-8	<u>CNG, Dedicated</u>

TO BE STANDARD FACTORY EQUIPPED.

READ PAGE A.

**STATE OF MICHIGAN
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Mich. Spec. # 3958-0026A
August, 2001

TRUCK: PICK-UP BODY
ALTERNATE FUEL VEHICLES, (Bi-Fuel, CNG, or ETHANOL)
(8 Foot Box) (Payload-1,600 lbs., min.)

MODEL-2002 CURRENT NEW

	<u>FORD</u> <u>F150</u>	<u>CHEV/GMC</u> <u>C25903HD</u>
G.V.W.R. (lbs.)	6,050	8,600-9,200
Wheelbase (inches)	139	133
Type & Size of Body	Styleside	Fleetside
Engine: Alternate Fuel	5.4L	6.01L
Type of Fuel	<u>LPG, Bi-Fuel, CNG</u>	<u>Bi-Fuel CNG, Dedicated CNG</u>
Type & No. of Cylinders	V-8	V-8
Net H.P.-S.A.E. J1349	210	290
Transmission: Automatic		
Axle, Min. Cap. Rear-lbs.	3,800	
Springs, Min. Cap. at Ground		
Front-lbs. each	1,325	
Rear-lbs. each	1,595	
Cab-Full width rear window.		

Tires, Tubeless, P235/75R15 minimum. All Season.

TO BE STANDARD FACTORY EQUIPPED INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:

Alternator-75 amp. min.
Axle, rear-limited slip
Battery-12 Volt, 600 CCA, minimum.
Brakes-Power

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Mich. Spec. # 3958-0026A
August, 2001
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Bumper-Rear, step down type, Heaviest Avail. Towing Capacity, Mfg. Std.

Fuel capacity-largest available from mfg.

Mirrors-Rear View, Inside. Outside R.H. and L.H. below eye level,
40 sq. in. minimum, swing away type. Installed.

Spare tire and wheel. Full size. Mfg. Std. mounting.

Steering-Power

Wrench-wheel.

READ PAGES B-B1

**STATE OF MICHIGAN
DEPARTMENT OF MANAGEMENT AND BUDGET
OFFICE OF PURCHASING**

Mich. Spec. # 3958-0029A
August, 2001

TRUCK: PICK-UP BODY
ALTERNATE FUEL VEHICLES, (Bi-Fuel, CNG, or ETHANOL)
(8' Box) (Payload-2,200 lbs., min.)

MODEL-2002 CURRENT NEW

	<u>FORD</u> <u>F150</u>	<u>CHEV/GMC</u> <u>C25903HD</u>
G.V.W.R. (lbs.)	7,700	8,500-9,200
Wheelbase (inches)	139	133
Type & Size of Body	Styleside	Fleetside
Engine: Alternate Fuel	5.4L	6.0L
Type of Fuel	<u>LPG, Bi-Fuel, or CNG</u>	<u>Bi-Fuel CNG, Dedicated CNG</u>
Type & No. of Cylinders	V-8	V-8
Net H.P.-S.A.E. J1349	195	270
Transmission: Automatic		
Axle, Min. Cap. Rear-lbs.	5,300	
Springs, Min. Cap. at Ground		
Front-lbs. each	1,360	
Rear-lbs. each	2,002	

Cab-Full width rear window.

Tires, Truck, Tubeless, Radial, to meet G.V.W.R. All Season.

TO BE STANDARD FACTORY EQUIPPED INCLUDING, BUT NOT LIMITED TO, THE
FOLLOWING:

Alternator-80 amp. min.

Axle, rear-limited slip.

Battery-12 Volt, 600 CCA, minimum.

Brakes-Power.

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Mich. Spec. # 3958-0029A
August, 2001
Page 2

Bumper-Rear, step down type, Heaviest Avail. Towing Capacity, Mfg. Std.

Fuel capacity-largest available from mfg.

Hood latch interior operated, factory installed.

Mirrors-Rear View, Inside. Outside R.H. and L.H. below eye level,

40 sq. in. minimum, swing away type. Installed.

Spare tire and wheel. Full size. Mfg. Std. mounting.

Steering-Power.

Wrench-wheel.

READ PAGES B-B1.

**STATE OF MICHIGAN
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OFFICE OF PURCHASING**

Mich. Spec. # 3958-0030A
August, 2001

TRUCK: PICK-UP BODY, EXTENDED CAB
ALTERNATE FUEL VEHICLES, (Bi-Fuel, CNG, or ETHANOL)
(8 Foot Box) (Payload-3,000 lbs., min.)

MODEL-2002 CURRENT NEW

	FORD <u>F150</u>	CHEV/GMC <u>C25953HD</u>
G.V.W.R. (lbs.)	6,600	8,500-9,200
Wheelbase (inches)	139	157.5
Type & Size of Body	Styleside	Fleetside
Engine: Alternate Fuel	5.4L	6.0L
Type of Fuel	<u>CNG, Bi-Fuel</u>	<u>CNG Bi-Fuel, Dedicated</u>
Type & No. of Cylinders	V-8	V-8
Net H.P.-S.A.E. J1349	203	270

Transmission: Automatic

Axle, Min. Cap.-lbs.	
Front	4,200
Rear	6,250

Springs, Min. Cap. at Ground	
Front-lbs. each	1,570
Rear-lbs. each	3,182

Tires, Truck, Tubeless, Radial, to meet G.V.W.R. All Season.

TO BE STANDARD FACTORY EQUIPPED INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:

Alternator-80 amp., min.
Axle, rear-limited slip.
Battery-12 Volt, 600 CCA, minimum.
Brakes-Power
Bumper-Rear, step down type, Heaviest Avail. Towing Capacity, Mfg. Std.

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Fuel capacity-largest available from mfg.
Mirrors, Rear View, Inside. Outside, R.H. and L.H. below eye level,
40 sq. in. minimum, swing away type. Installed.
Rear Seat-front facing bench.
Spare tire and wheel. Full size. Mfg. Std. mounting.
Steering-Power
Wrench-wheel.

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TRUCK: SPORT-VAN-12-PASSENGER
ALTERNATE FUEL VEHICLES, (CNG)
(Payload-2,850 lbs., min.)

MODEL-2002 CURRENT NEW

	DODGE RAM WAGON B3500 <u>AB3L53</u>	FORD ECONOLINE WAGON <u>E350 SD</u>	CHEV/GMC EXPRESS/SAVANA <u>G21406</u>
G.V.W.R. (lbs.)	8,700	8,600	8,600-9,500
Wheelbase (inches)	127.6	138	135
Engine: CNG	5.2L	5.4L	5700
Type & No. of Cylinders	V-8	V-8	V-8
Net H.P.-S.A.E. J1349	225	206	255
Transmission: Automatic.			
Axle, Min. Cap.			
Front-lb.	4,000	4,600	4,300
Rear-lb.	5,740	6,340	6,084
Springs, Min. Cap. at Ground			
Front-lbs. each	2,876	1,775	2,150
Rear-lbs. each	2,870	2,772	3,042

Tires, Truck, Tubeless, Radial to meet G.V.W.R. All Season.

TO BE STANDARD FACTORY EQUIPPED INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:

Air Conditioning-Front
Alternator-100 amp. min.
Arm rest Driver's side and 3 bench seats.
Axle, rear-limited slip.
Battery-12 Volts, 600 CCA min.
Body-Finished interior (No exposed outside body sheet metal), full length headliner.
Brakes-Power.

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Bumper-Rear, Mfg. Std.

Door(s)-Right Side, hinged, Rear panel doors with glass

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Fuel capacity-largest available from mfg.

Glass-Tinted, all around, movable side door window(s), fixed or movable rear door windows.

Insulation package-Front floor driver's compartment, side panels. Full-length
headlining insulation, full width floor mat passenger compartment. (Deluxe or heavy duty.)

Locks – Power Doors

Mirrors-Rear View, Inside. Outside R.H. and L.H. below eye level,
40 sq. in. minimum, swing away type. Installed.

Seat, driver and passenger, high back bucket, and 4-bench type seats with arm rests.

Spare tire and wheel. Full size. Mfg. Std. mounting.

Speed Control, Factory Installed

Stabilizer bar-front.

Steering-Power.

Wrench-wheel.

READ PAGES B-B1.

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Mich. Spec. # 3905-0040A
August, 2001

TRUCK: VAN-15 PASSENGER
ALTERNATE FUEL VEHICLES, (CNG)
(Payload-2,812 lbs., min.)

MODEL-2002 CURRENT NEW

	FORD ECONOLINE SUPER DUTY EXTENDED WAGON <u>E-350</u>	DODGE MAXI WAGON <u>AB3L53</u>	CHEV/GMC EXPRESS/SAVANA <u>G31606</u>
G.V.W.R. (lbs.)	9,400	8,700	9,500
Wheelbase (inches)	138	127.6	155
O.A.L	231.8	236.6	238.7
Engine: CNG	5.4L	5.2L	5700
Type & No. of Cylinders	V-8	V-8	V-8
Net H.P.-S.A.E. J1349	206	215	255
Transmission: Automatic			
Axle, Min. Cap.			
Front-lbs.	4,600	4,000	4,300
Rear-lbs.	6,340	5,740	6,084
Springs, Min. Cap. at Ground			
Front-lbs. each	1,700	2,000	2,150
Rear-lbs. each	3,097	2,870	3,042

Tires, Truck, Tubeless, Radial, to meet G.V.W.R. All Season.

TO BE STANDARD FACTORY EQUIPPED INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:

Air Conditioning-Front and Rear
Alternator-80 amp., min.
Axle, rear-limited slip.
Battery-12 Volt, 600 CCA min.

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Brakes- Power.

Bumper-Front and Rear, Mfg. standard finish.

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Doors-Passenger, right side, double.

Fuel capacity-largest available from mfg.

Glass-Tinted, all around, movable side door window(s), fixed or movable rear door windows.

Heater, Auxiliary-Passenger compartment.

Insulation package-Front floor driver's compartment, side panels. Full-length
headlining insulation, full width floor mat passenger compartment. (Deluxe or heavy duty.)

Locks – Power Doors

Mirrors-Rear View, Inside. Outside R.H. and L.H. below eye level,
40 sq. in. minimum, swing away type. Installed.

Seat, driver and passenger, high back bucket, and 4-bench type passenger seats
with arm rests.

Spare tire and wheel. Full size. Mfg. Std. mounting.

Speed Control, Factory Installed

Stabilizer bar-front.

Steering-Power.

Wrench-wheel.

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Mich. Spec. #3905-0042A
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TRUCK: COMPACT VAN PASSENGER, FRONT WHEEL DRIVE
ALTERNATE FUEL VEHICLES, (Bi-Fuel, CNG, or ETHANOL)
7 Passenger, Minimum
(Payload-1,100 lbs., min.)

MODEL-2002 CURRENT NEW

CHRYSLER
VOYAGER
DODGE
CARAVAN

G.V.W.R. (lbs.), 5,000 minimum	5,120
Wheelbase (inches)	113.3
Engine: Alternate Fuel	3.3L
Type of Fuel	<u>Flex-Fuel, E85</u>
Type & No. of Cylinders	V-6
Net H.P.-S.A.E. J1349	180
Transmission: Automatic	
Axle, Min. Cap.	
Front-lbs.	2,650
Rear-lbs.	2,750
Springs, Min. Cap. at Ground	
Front-lbs. each	1,173
Rear-lbs. each	1,375

Tires, Tubeless, Radial, P195/75R14 Minimum. All Season.

TO BE STANDARD FACTORY EQUIPPED INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:

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Alternator-80 amp., min.
Battery-12 Volt, 500 CCA, Min.
Brakes-Power.
Bumper-Front and rear, Mfg. standard finish.
Defogger-rear window.
Doors, Dual Sliding, Right and Left Side
Fuel capacity-largest available from mfg.
Glass-Tinted, all around, movable side door window(s), fixed or movable rear door windows.
Headliner-Full length, trim panels doors and sidewalls.
Locks – Power Doors
Wiper/washer-rear glass
Mirrors-Rear View, Inside. Outside R.H. and L.H. below eye level, 25 sq. in. minimum.
Installed. Mfg. Standard finish.
Seats-driver and passenger, high back bucket, and seating for additional 5-passengers.
Spare tire and wheel, Limited Service. Mfg. Stnd. mounting.
Speed Control, Factory Installed
Steering-Power.
Wrench-wheel.

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Mich. Spec. #3905-0046A
August, 2001

TRUCK: COMPACT VAN PASSENGER, FRONT WHEEL DRIVE, EXTENDED BODY
ALTERNATE FUEL VEHICLES, (Bi-Fuel, CNG, or ETHANOL)
7 Passenger, Minimum
(Payload-1,100 lbs., min.)

MODEL-2002 CURRENT NEW

CHRYSLER
VOYAGER
DODGE
CARAVAN

G.V.W.R. (lbs.), 5,000 minimum	5,120
Wheelbase (inches)	119.3
Engine: Alternate Fuel	3.3L
Type of Fuel	<u>Flex-Fuel, E85</u>
Type & No. of Cylinders	V-6
Net H.P.-S.A.E. J1349	180
Transmission: Automatic	
Axle, Min. Cap.	
Front-lbs.	2,650
Rear-lbs.	2,750
Springs, Min. Cap. at Ground	
Front-lbs. each	1,173
Rear-lbs. each	1,375

Tires, Tubeless, Radial, P195/75R14 Minimum. All Season.

TO BE STANDARD FACTORY EQUIPPED INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:

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Alternator-80 amp., min.
Battery-12 Volt, 500 CCA, Min.
Brakes-Power.
Bumper-Front and rear, Mfg. standard finish.
Defogger-rear window.
Doors, Dual Sliding, Right and Left Side
Fuel capacity-largest available from mfg.
Glass-Tinted, all around, movable side door window(s), fixed or movable rear door windows.
Headliner-Full length, trim panels doors and sidewalls.
Locks – Power Doors
Wiper/washer-rear glass
Mirrors-Rear View, Inside. Outside R.H. and L.H. below eye level, 25 sq. in. minimum.
Installed. Mfg. Standard finish.
Seats-driver and passenger, high back bucket, and seating for additional 5-passengers.
Spare tire and wheel, Limited Service. Mfg. Std. mounting.
Speed Control, Factory Installed
Steering-Power.
Wrench-wheel.

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Mich. Spec. # 3958-0048A
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TRUCK: PICK-UP BODY
ALTERNATE FUEL VEHICLES, (Bi-Fuel, CNG, or ETHANOL)
(8 Foot Box) (Payload-4,000 lbs., min.)

MODEL-2002 CURRENT NEW

	CHEV/GMC D350 <u>C25903HD</u>
G.V.W.R. (lbs.)	8,500-9,200
Wheelbase (inches)	133
Type & Size of Body	Fleetside/ Wideside
Engine: Alternate Fuel	Vortec 6.0L
Type of Fuel	<u>CNG, Bi-Fuel or Dedicated CNG</u>
Type & No. of Cylinders	V-8
Net H.P.-S.A.E. J1349	270
Transmission: Automatic	
Axle, Min. Cap. Rear-lbs.	6,000
Springs, Min. Cap. at Ground	
Front-lbs. each	2,125
Rear-lbs. each	3,000
Cab-Full width rear window	
Tires, Truck, Tubeless, Radial, to meet G.V.W.R. All Season.	

TO BE STANDARD FACTORY EQUIPPED INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:

Alternator-80 amp., min.
Axle, rear-limited slip.
Battery-12 Volt, 600 CCA, minimum.
Brakes-Power.

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Bumper-Rear, step down type, Heaviest Avail. Towing Capacity, Mfg. Std.

Fuel capacity-largest available from mfg.

Mirrors-Rear View, Inside. Outside R.H. and L.H. below eye level,

40 sq. in. minimum, swing away type. Installed.

Spare tire and wheel. Mfg. Std. mounting.

Steering-Power.

Wrench-wheel.

READ PAGES B-B1.

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Record of Cover Color Selection for Patrol and Passenger Vehicle Spec. Books

<u>Model Year</u>	<u>Patrol Vehicle Spec. Book</u>	<u>Passenger Vehicle Spec. Book</u>
1996	Yellow	Green
1997	Blue	Yellow
1998	Green	Blue
1999	Yellow	Green
2000	Blue	Yellow
2001	Green	Blue
2002	Yellow	Green